

Effective (Isotropic) Radiated Power Output Data**Test Result**

Band	Channel	Power(dBm)	EIRP(dBm)	Limit(dBm)	Verdict
Band2	9262	23.20	24.6	33.01	PASS
Band2	9400	23.30	24.7	33.01	PASS
Band2	9538	23.38	24.78	33.01	PASS
Band4	1312	23.45	22.5	30.00	PASS
Band4	1413	23.40	22.45	30.00	PASS
Band4	1513	23.44	22.49	30.00	PASS

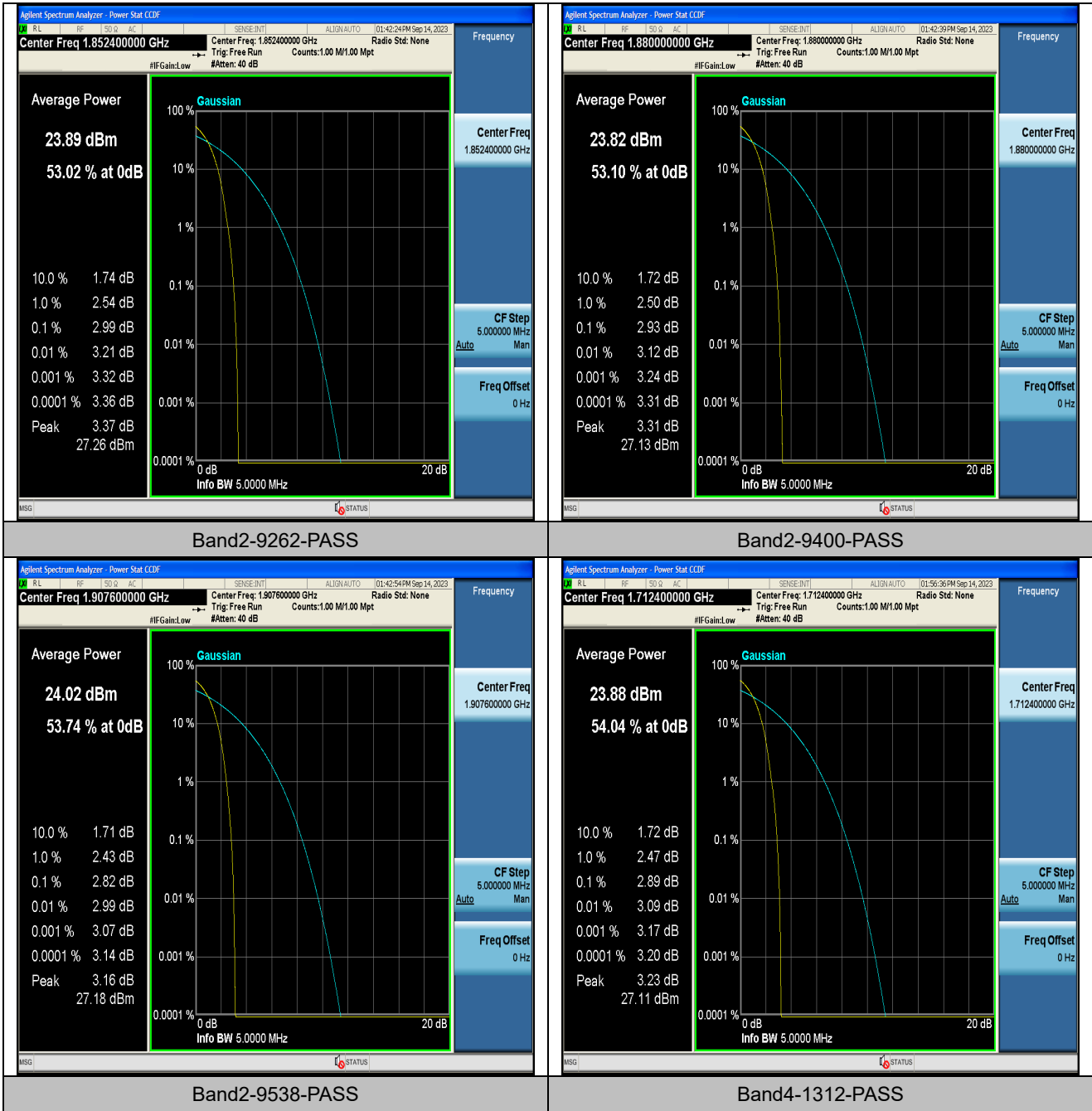
Band	Channel	Power(dBm)	ERP(dBm)	Limit(dBm)	Verdict
Band5	4132	23.00	19.75	38.45	PASS
Band5	4182	23.14	19.89	38.45	PASS
Band5	4233	22.97	19.72	38.45	PASS

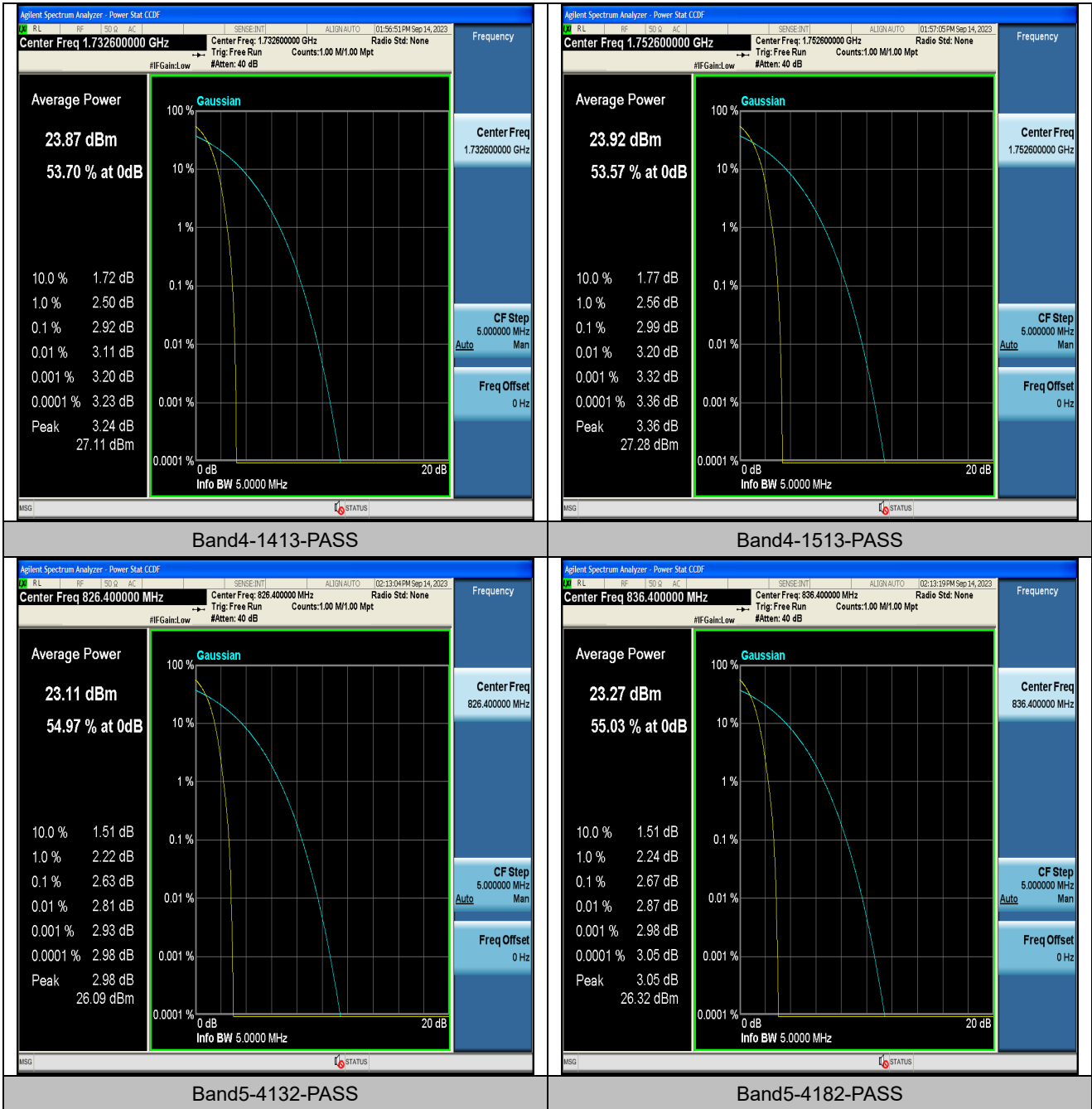
Peak-to-Average Ratio

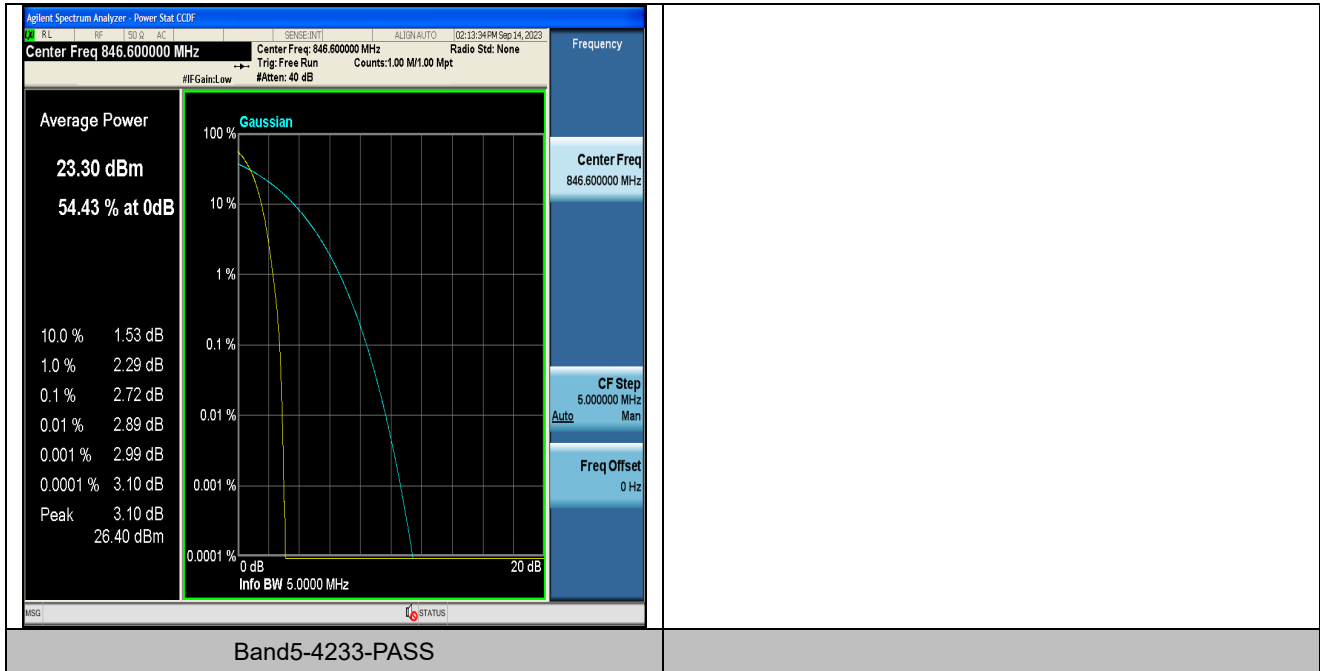
Test Result

Band	Channel	Peak-to-Average Ratio(dB)	Limit(dBm)	Verdict
Band2	9262	2.99	13	PASS
Band2	9400	2.93	13	PASS
Band2	9538	2.82	13	PASS
Band4	1312	2.89	13	PASS
Band4	1413	2.92	13	PASS
Band4	1513	2.99	13	PASS
Band5	4132	2.63	13	PASS
Band5	4182	2.67	13	PASS
Band5	4233	2.72	13	PASS

Test Graphs



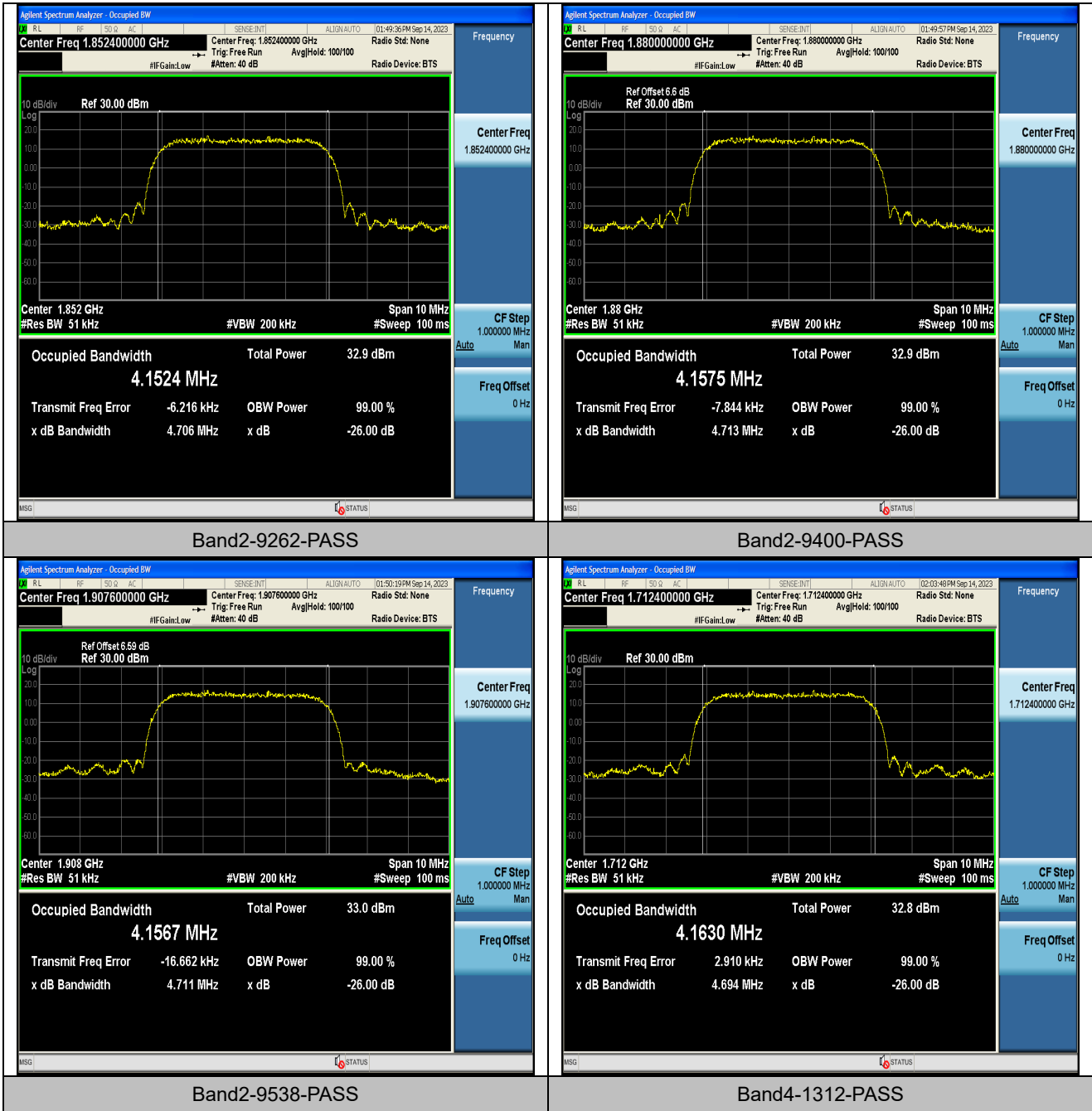


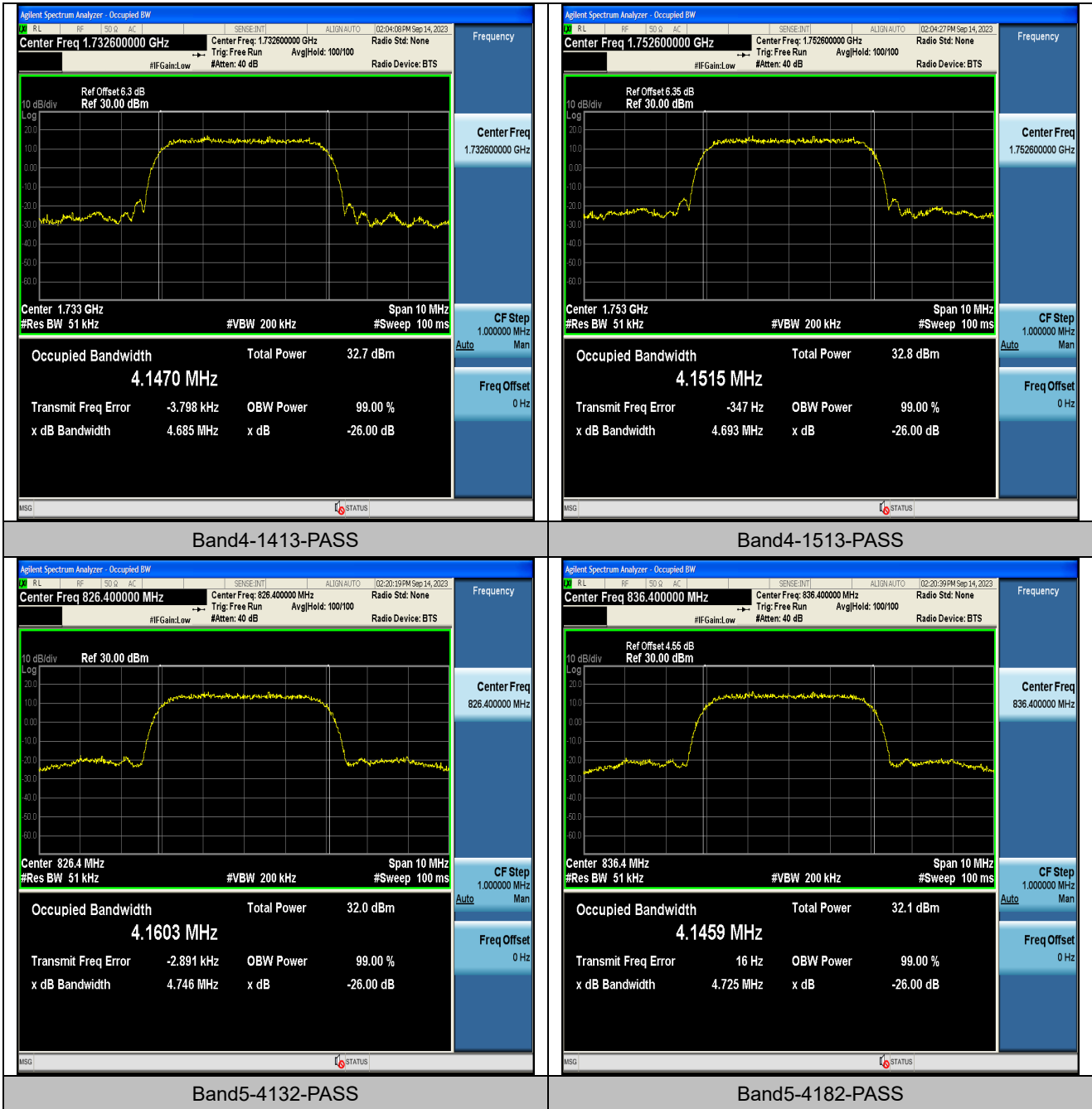


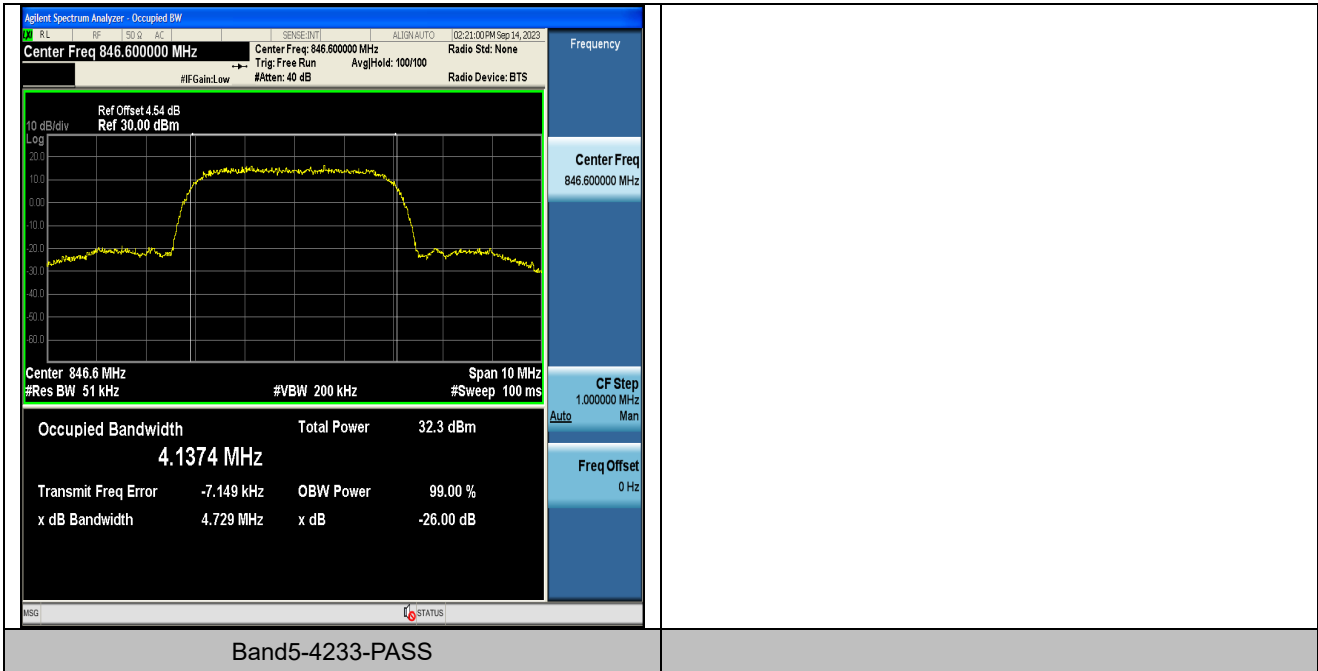
26dB Bandwidth and Occupied Bandwidth**Test Result**

Band	Channel	Occupied Bandwidth (kHz)	26dB Bandwidth (kHz)	Limit(kHz)	Verdict
Band2	9262	4.1524	4.706	---	PASS
Band2	9400	4.1575	4.713	---	PASS
Band2	9538	4.1567	4.711	---	PASS
Band4	1312	4.1630	4.694	---	PASS
Band4	1413	4.1470	4.685	---	PASS
Band4	1513	4.1515	4.693	---	PASS
Band5	4132	4.1603	4.746	---	PASS
Band5	4182	4.1459	4.725	---	PASS
Band5	4233	4.1374	4.729	---	PASS

Test Graphs

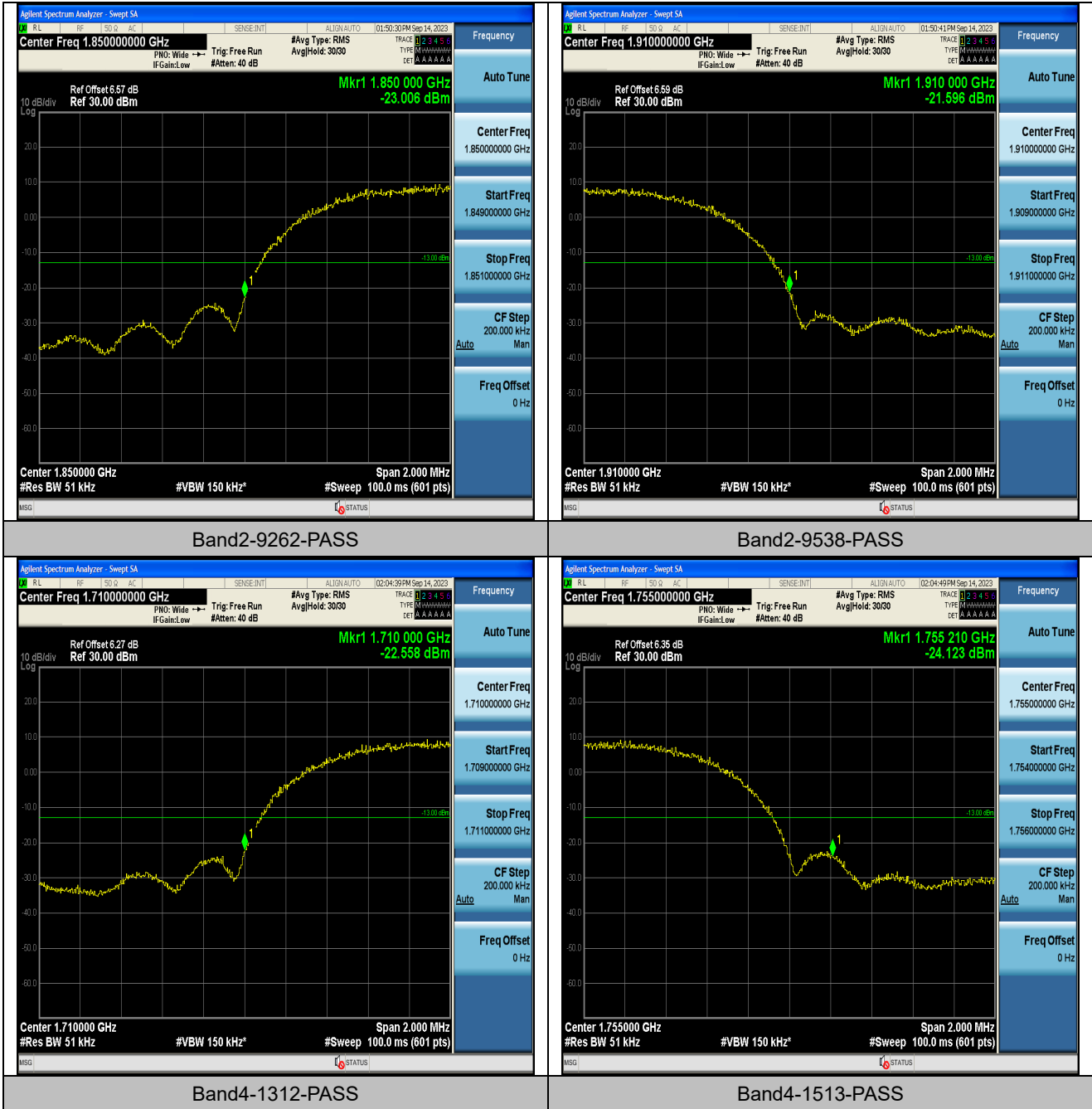


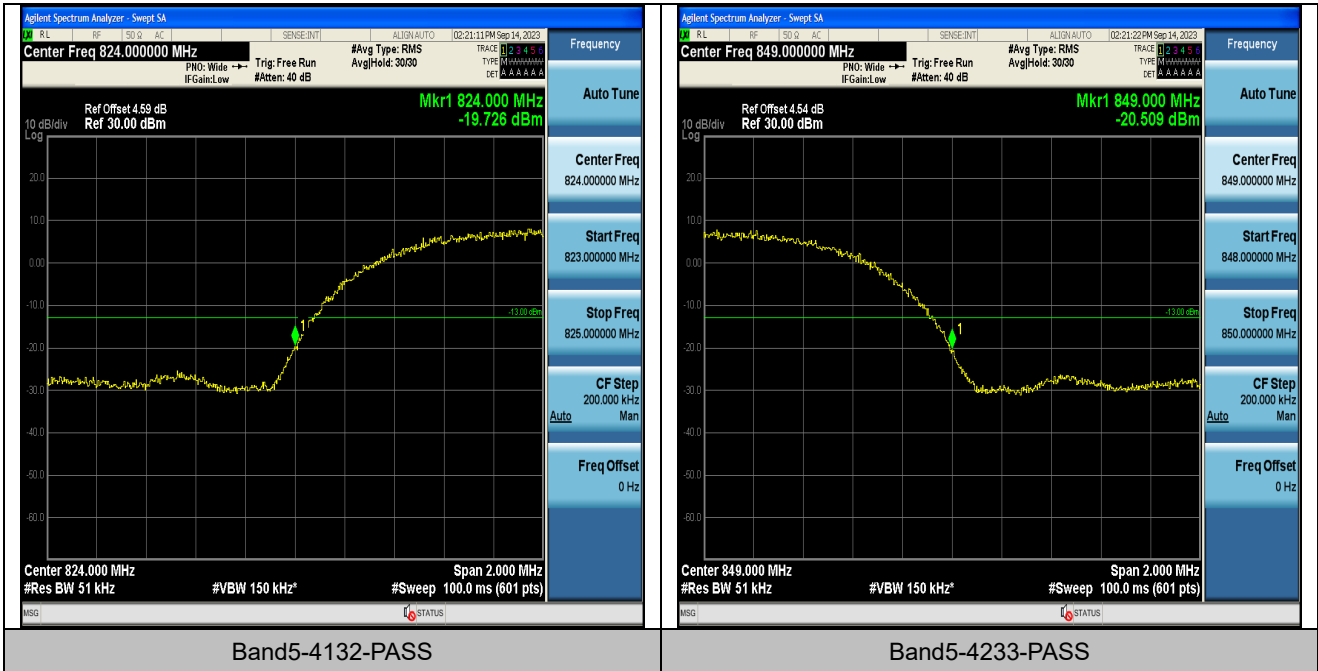




Band Edge

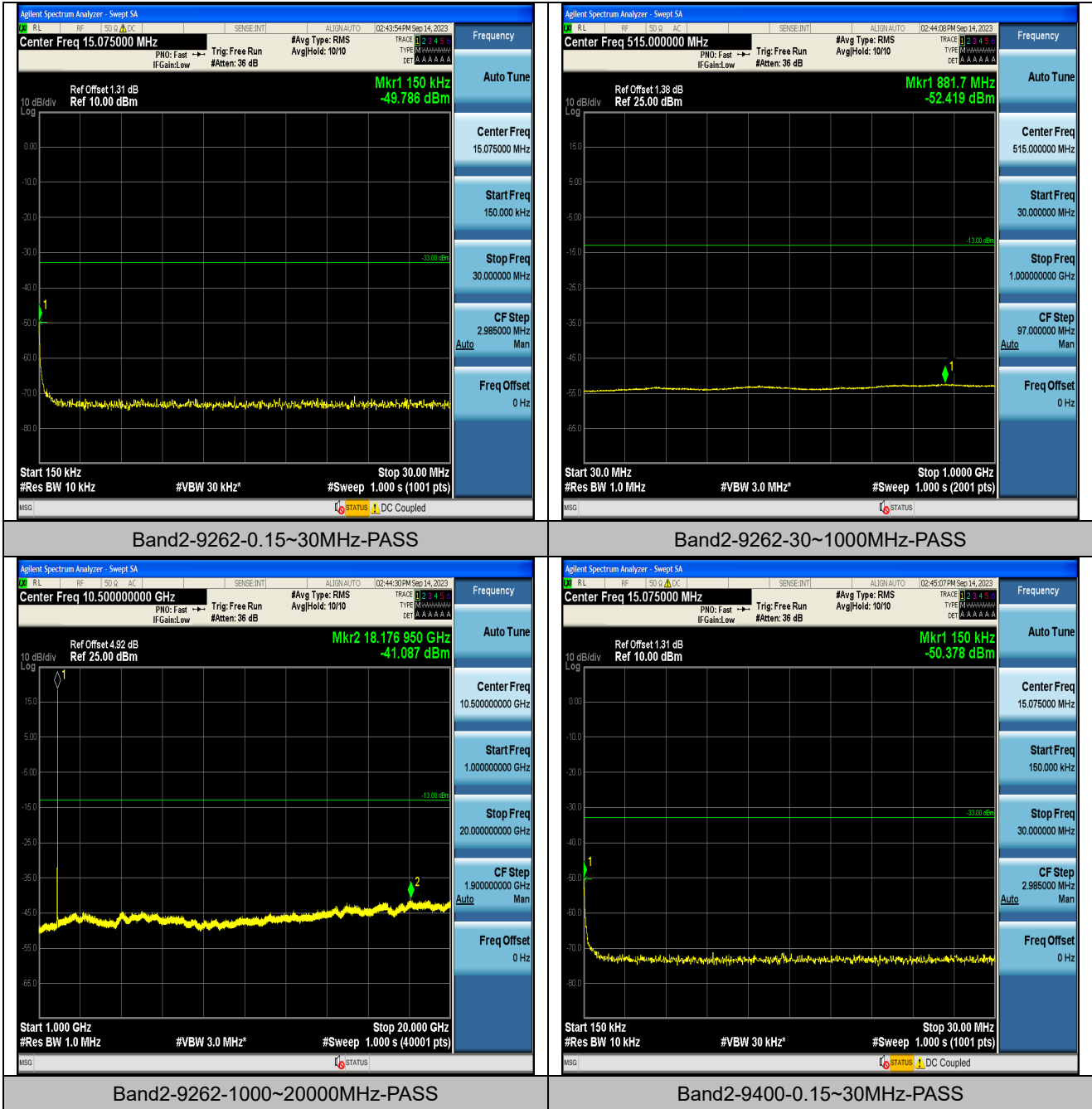
Test Graphs

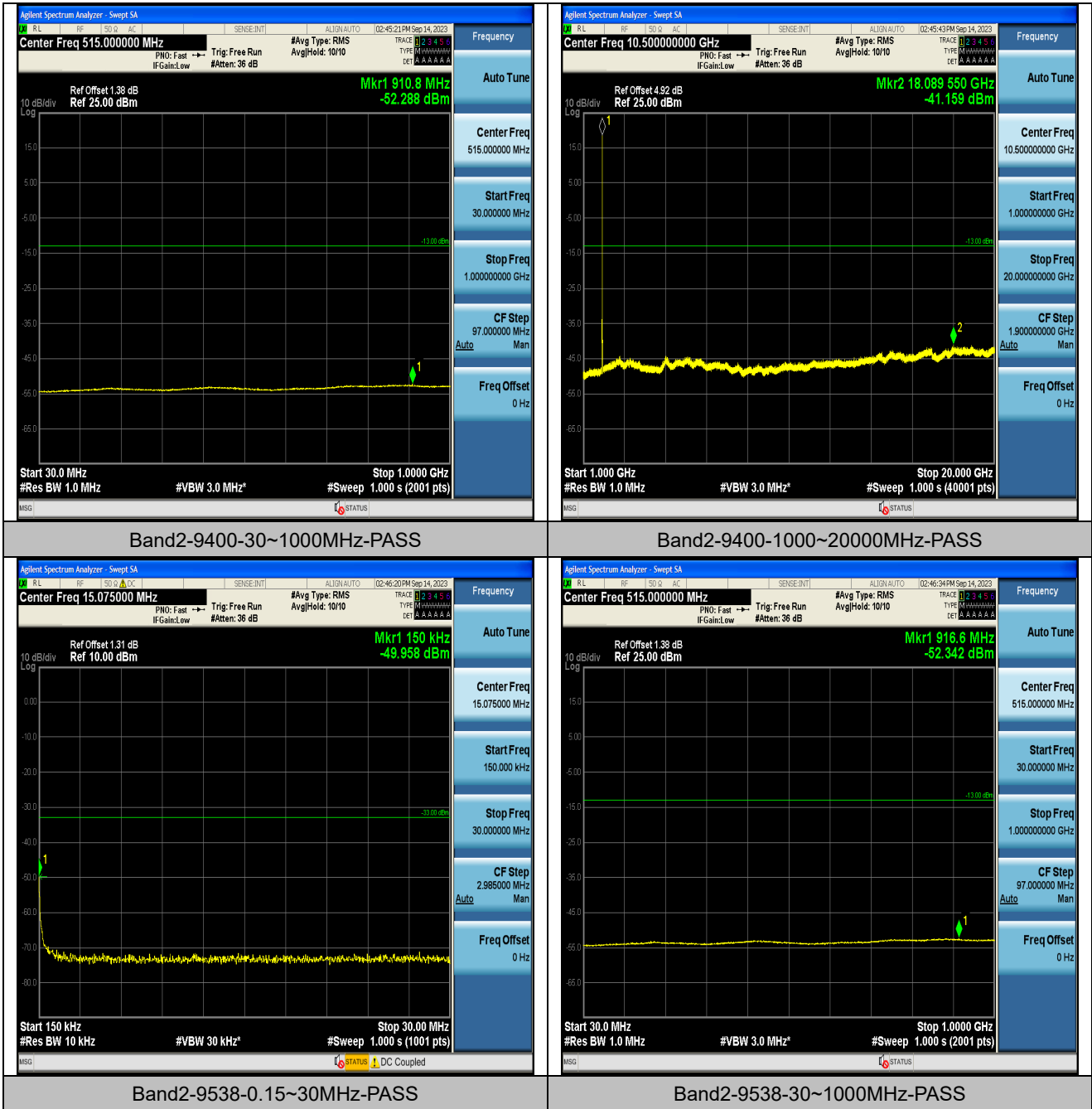


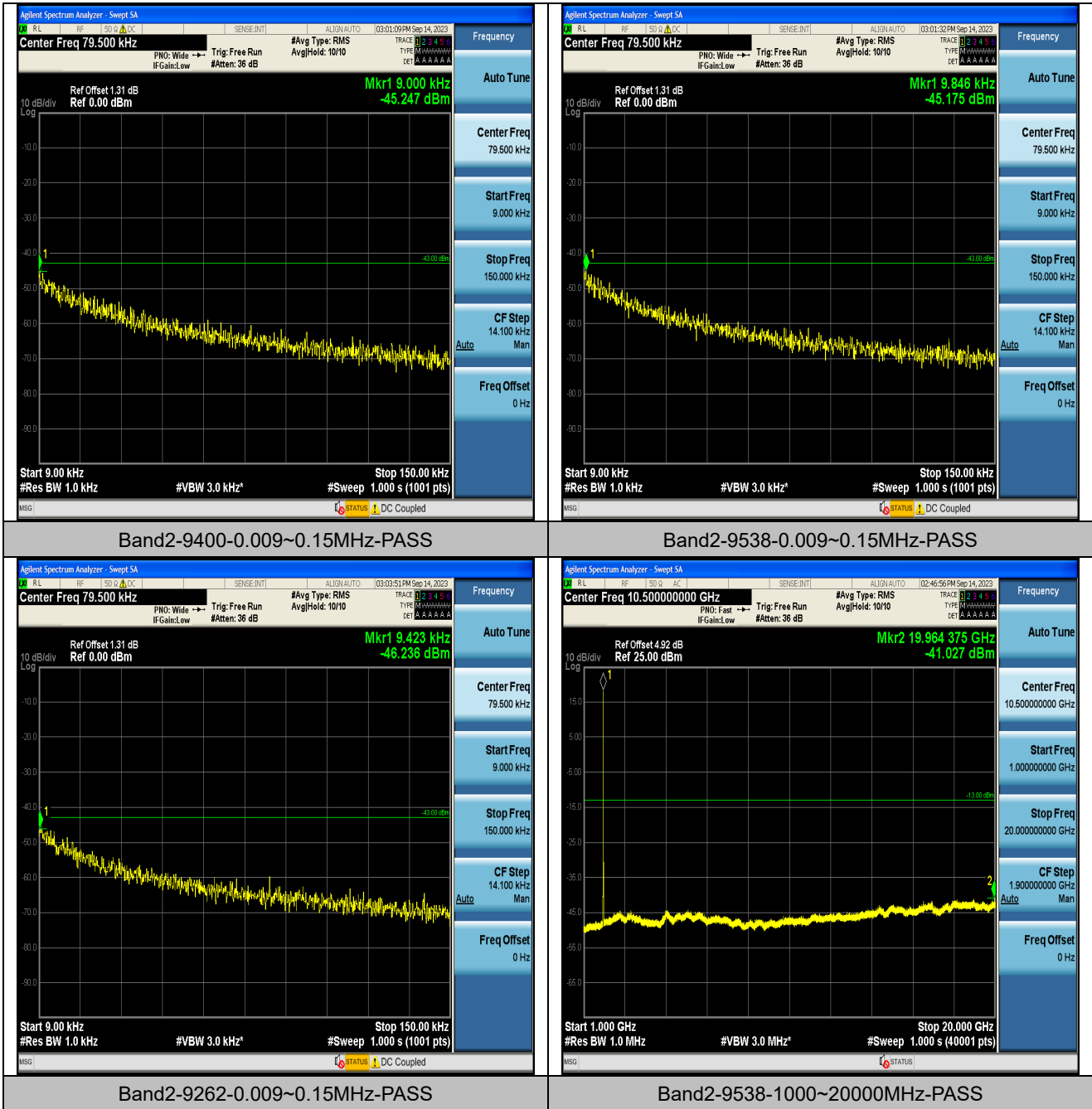


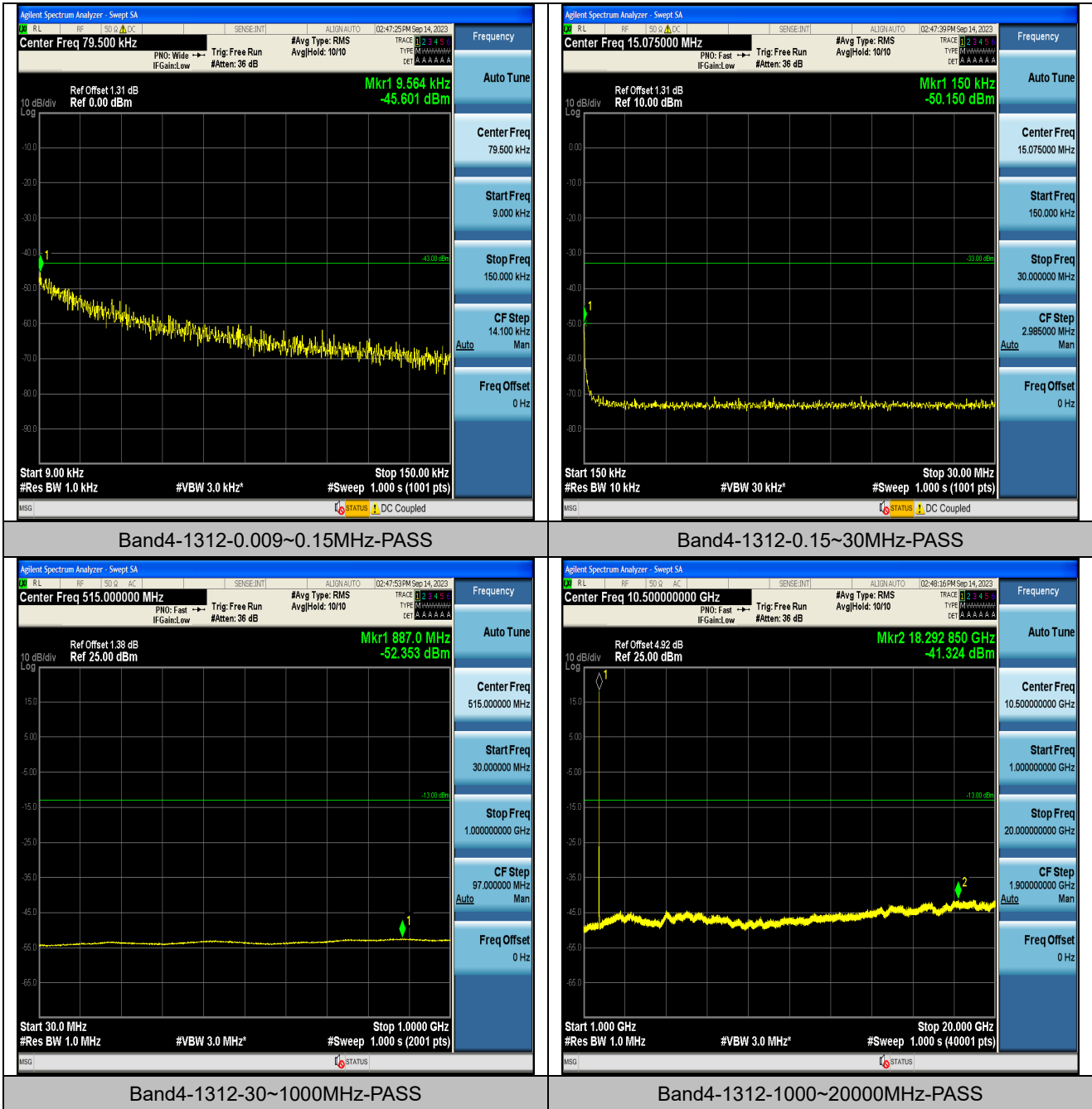
Conducted Spurious Emission

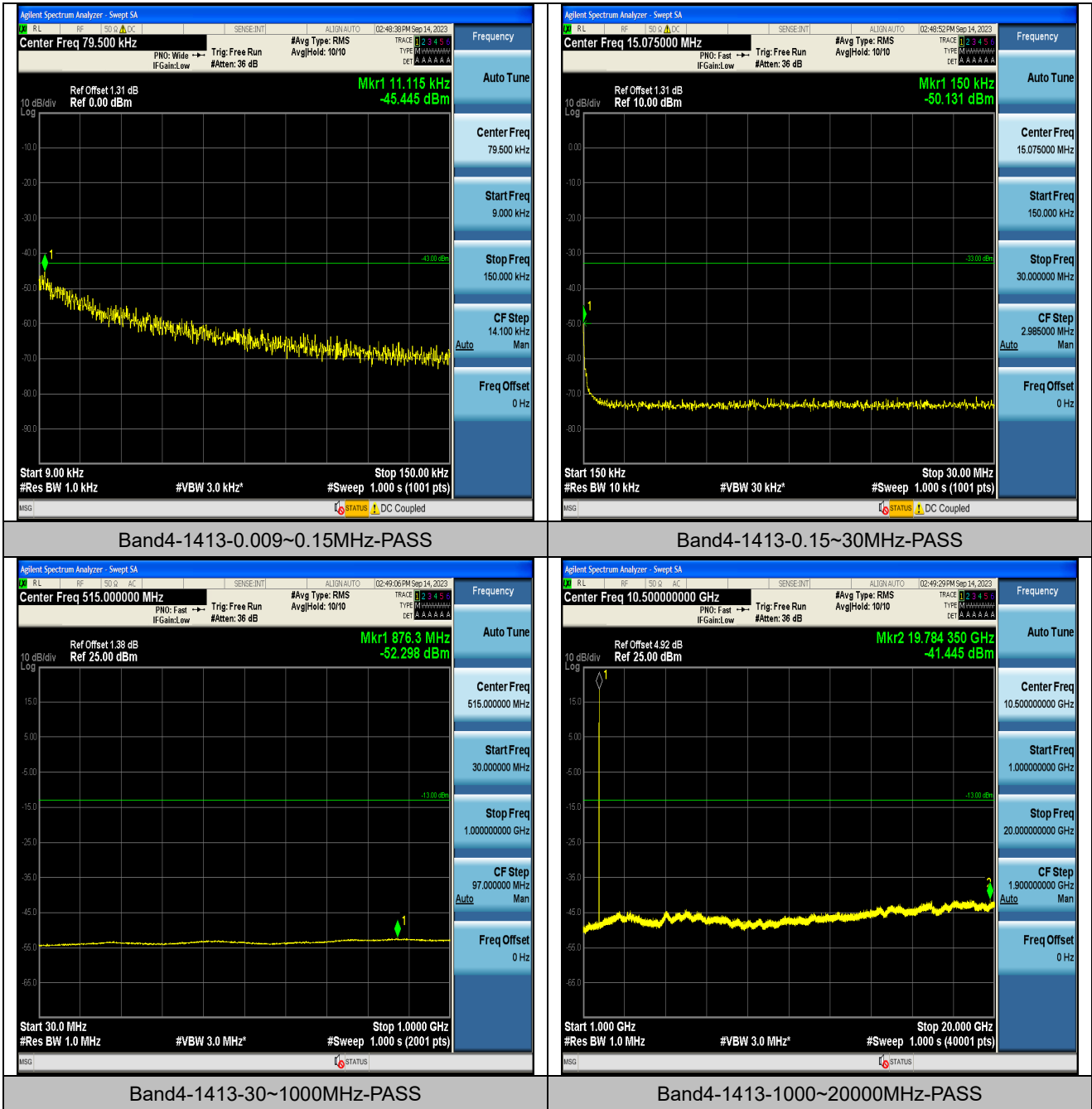
Test Graphs

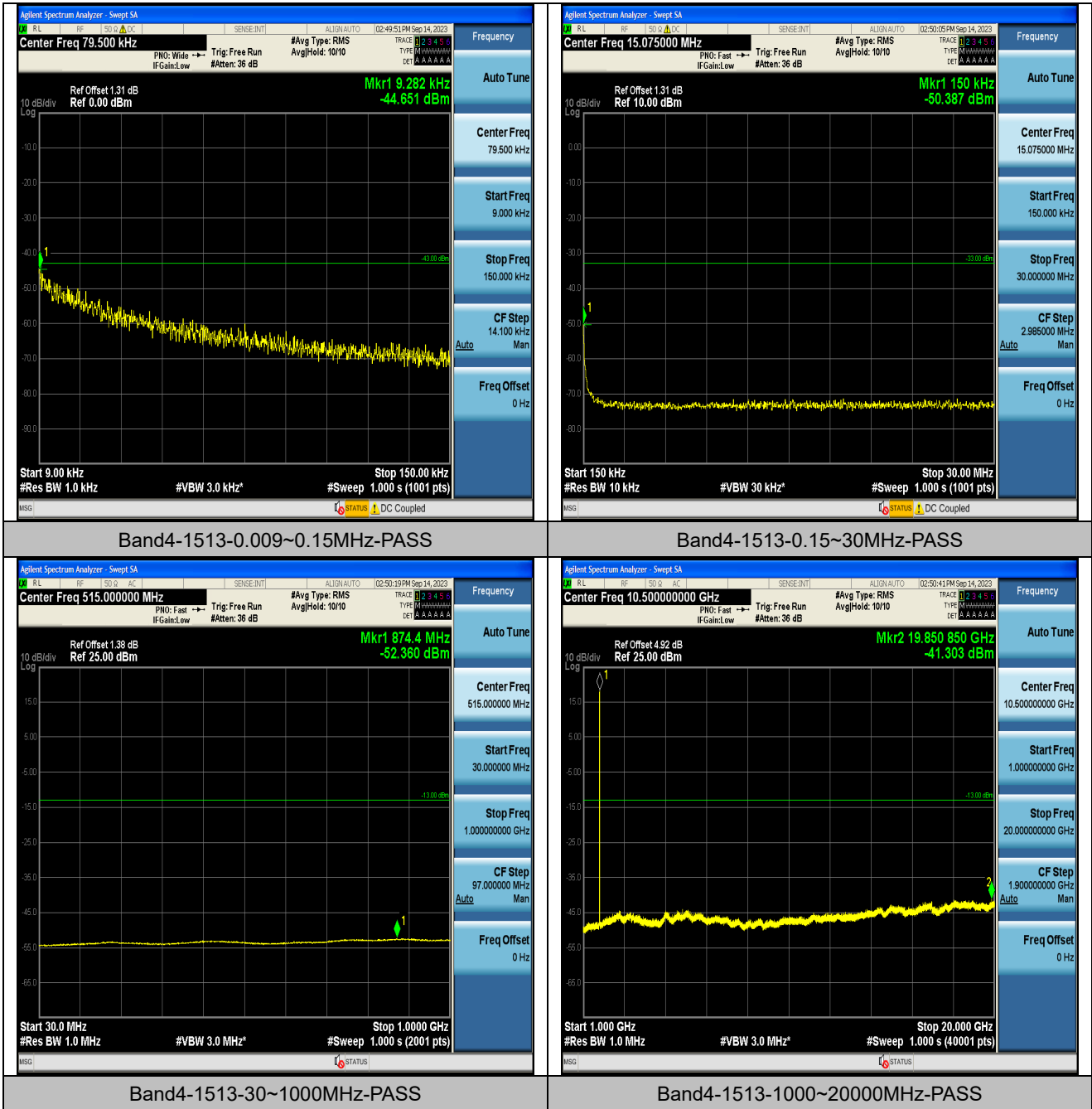


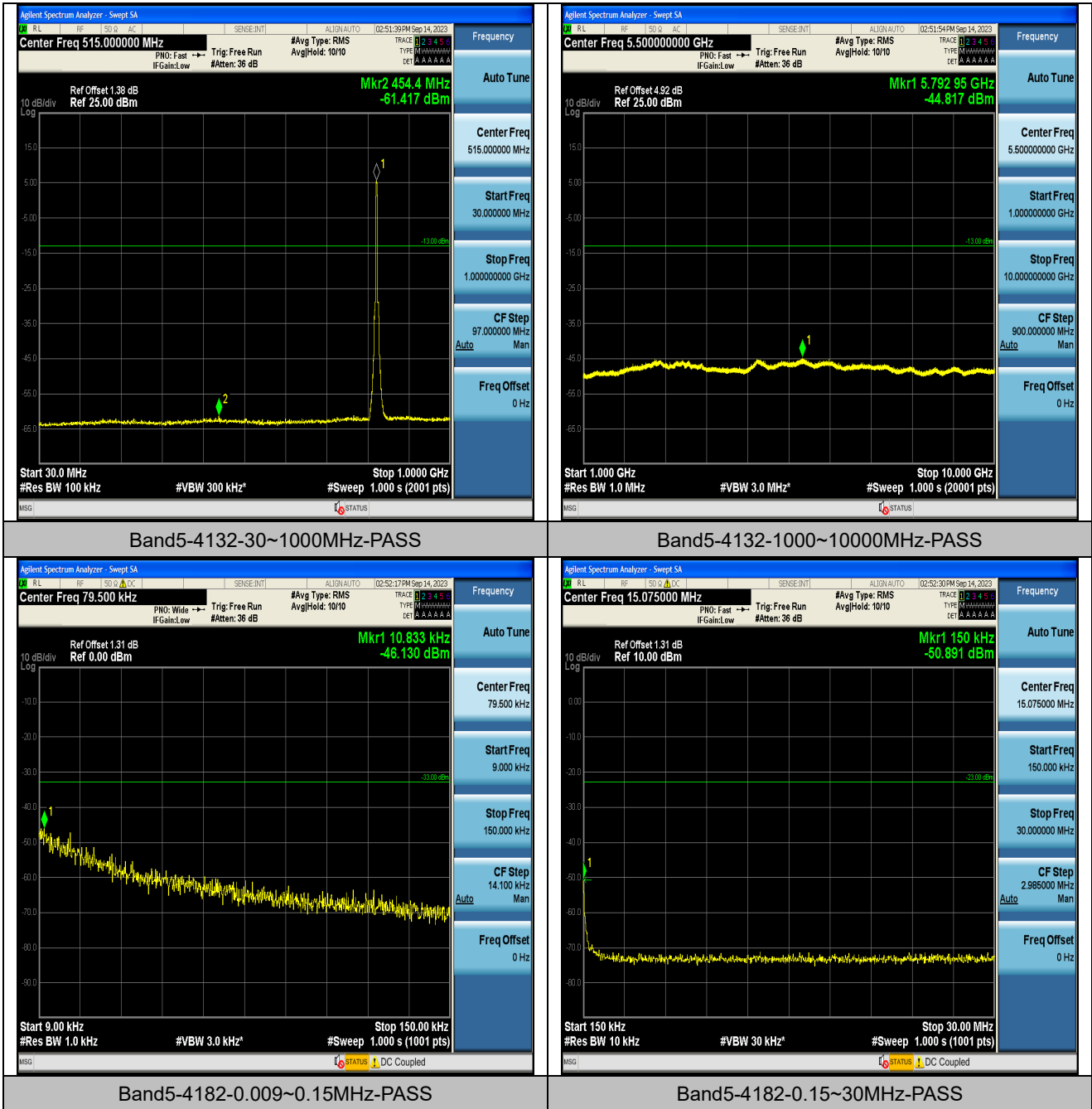


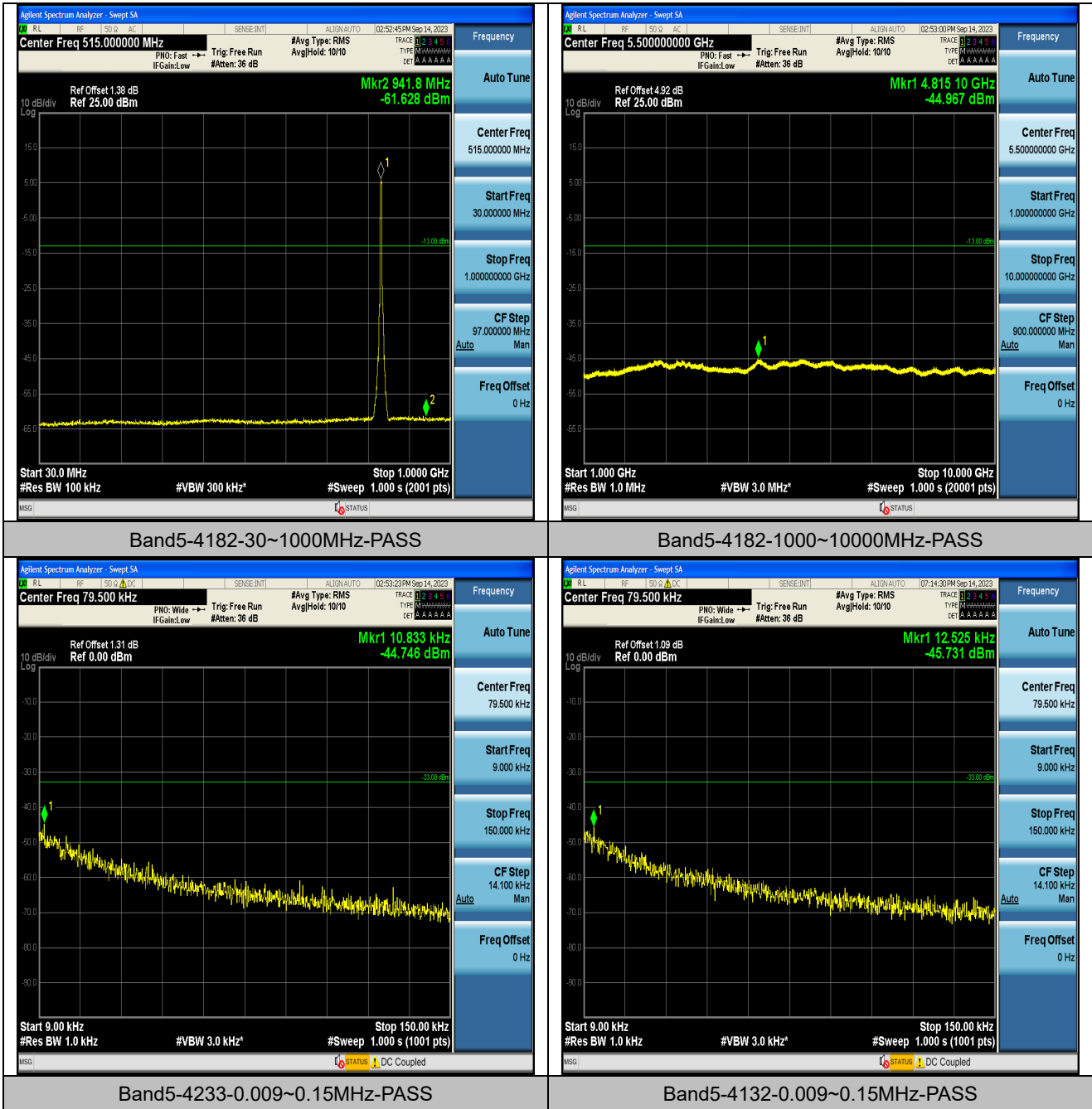


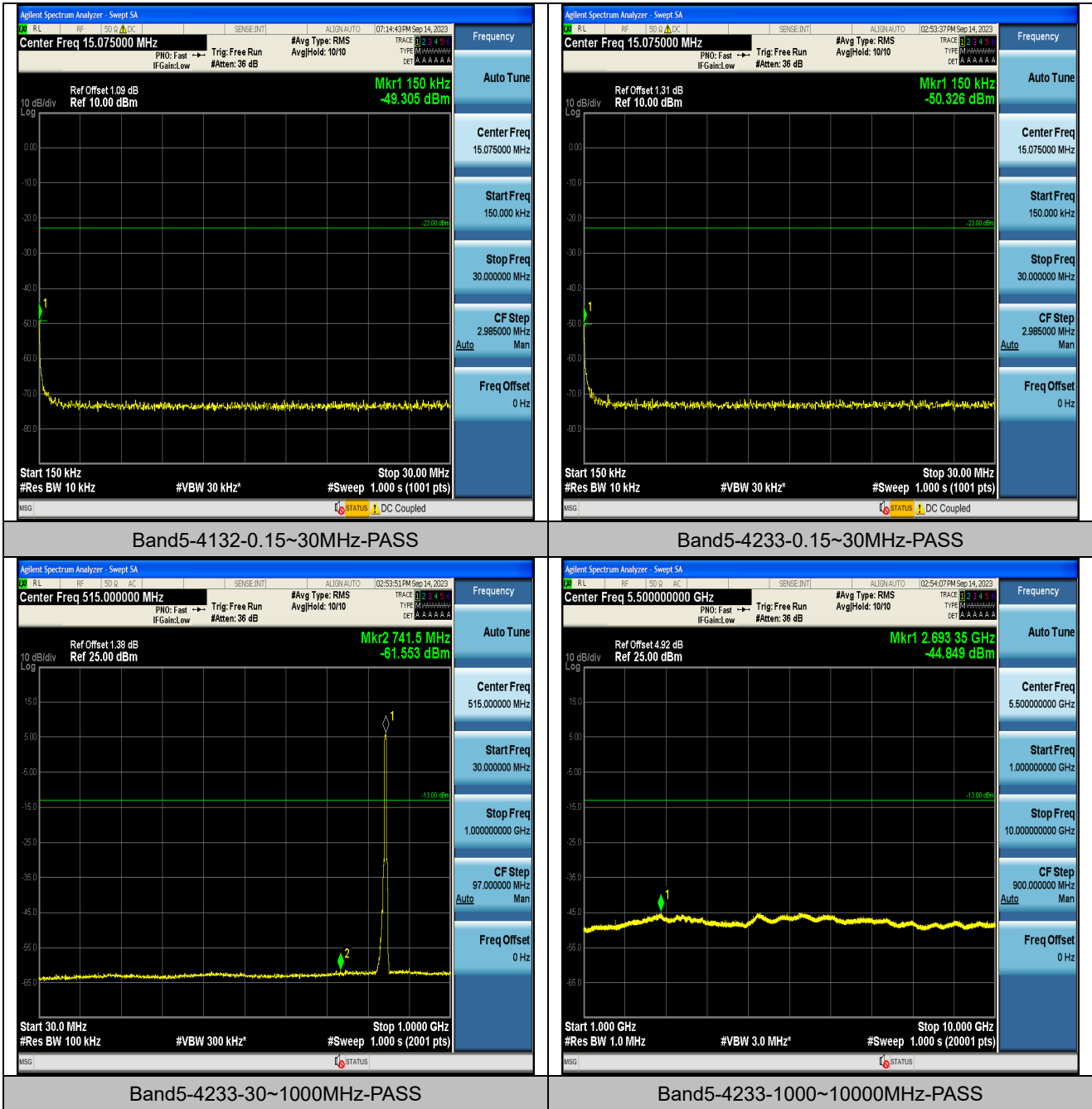












Frequency Stability

Test Result

Voltage							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	VN	NT	-0.04	-0.000021	--	PASS
Band2	9400	VL	NT	0.26	0.000138	--	PASS
Band2	9400	VH	NT	-0.57	-0.000303	--	PASS
Band4	1413	VN	NT	-1.05	-0.000606	--	PASS
Band4	1413	VL	NT	-1.33	-0.000768	--	PASS
Band4	1413	VH	NT	-0.50	-0.000289	--	PASS
Band5	4182	VN	NT	-0.14	-0.000167	±2.5	PASS
Band5	4182	VL	NT	0.14	0.000167	±2.5	PASS
Band5	4182	VH	NT	0.04	0.000048	±2.5	PASS

Temperature							
Band	Channel	Voltage (Vdc)	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band2	9400	NV	-30	-0.18	-0.000096	--	PASS
Band2	9400	NV	-20	-0.13	-0.000069	--	PASS
Band2	9400	NV	-10	-0.94	-0.000500	--	PASS
Band2	9400	NV	0	0.40	0.000213	--	PASS
Band2	9400	NV	10	-0.37	-0.000197	--	PASS
Band2	9400	NV	20	-1.11	-0.000590	--	PASS
Band2	9400	NV	30	0.01	0.000005	--	PASS
Band2	9400	NV	40	-0.61	-0.000324	--	PASS
Band2	9400	NV	50	0.36	0.000191	--	PASS
Band4	1413	NV	-30	-0.29	-0.000167	--	PASS
Band4	1413	NV	-20	-0.60	-0.000346	--	PASS
Band4	1413	NV	-10	0.14	0.000081	--	PASS
Band4	1413	NV	0	0.30	0.000173	--	PASS
Band4	1413	NV	10	-0.37	-0.000214	--	PASS
Band4	1413	NV	20	-0.21	-0.000121	--	PASS
Band4	1413	NV	30	-0.04	-0.000023	--	PASS
Band4	1413	NV	40	-0.79	-0.000456	--	PASS
Band4	1413	NV	50	0.14	0.000081	--	PASS
Band5	4182	NV	-30	0.30	0.000359	±2.5	PASS
Band5	4182	NV	-20	0.01	0.000012	±2.5	PASS
Band5	4182	NV	-10	0.07	0.000084	±2.5	PASS
Band5	4182	NV	0	0.33	0.000395	±2.5	PASS
Band5	4182	NV	10	0.29	0.000347	±2.5	PASS
Band5	4182	NV	20	0.11	0.000132	±2.5	PASS
Band5	4182	NV	30	0.14	0.000167	±2.5	PASS



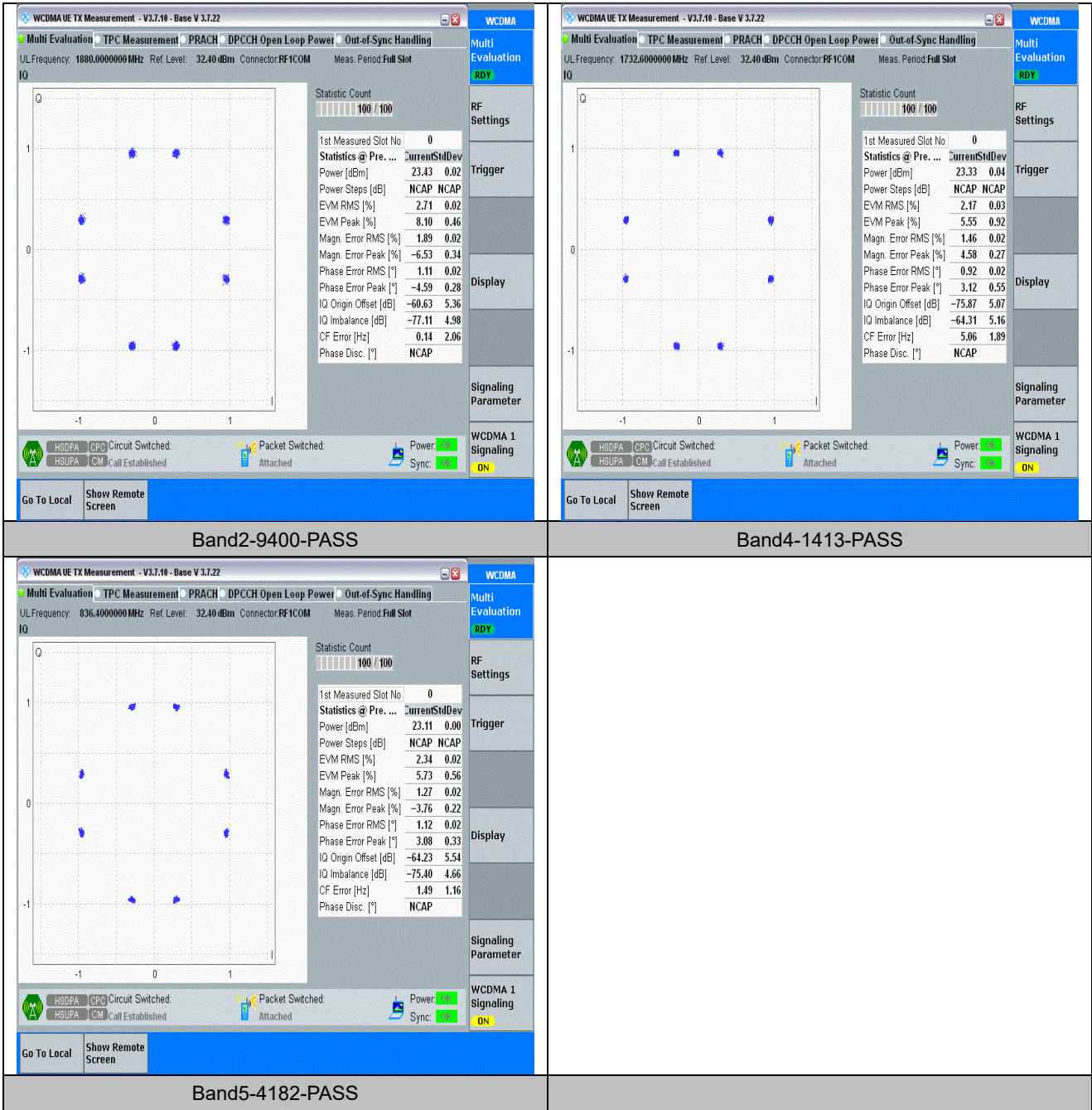
Band5	4182	NV	40	0.46	0.000550	±2.5	PASS
Band5	4182	NV	50	0.25	0.000299	±2.5	PASS

Modulation Characteristics

Test Result

Band	Channel	Result	Verdict
Band2	9400	PASS	PASS
Band4	1413	PASS	PASS
Band5	4182	PASS	PASS

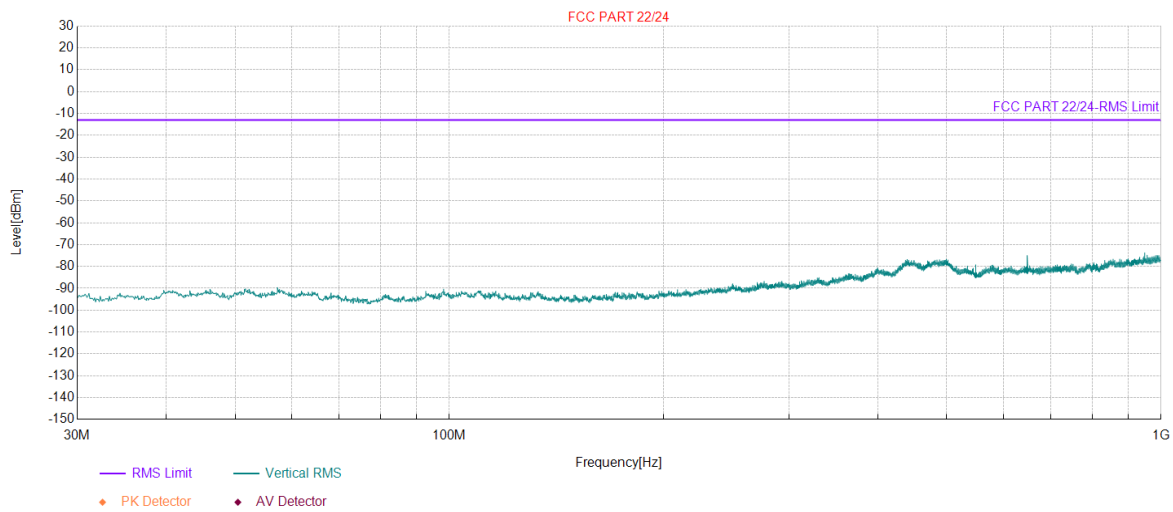
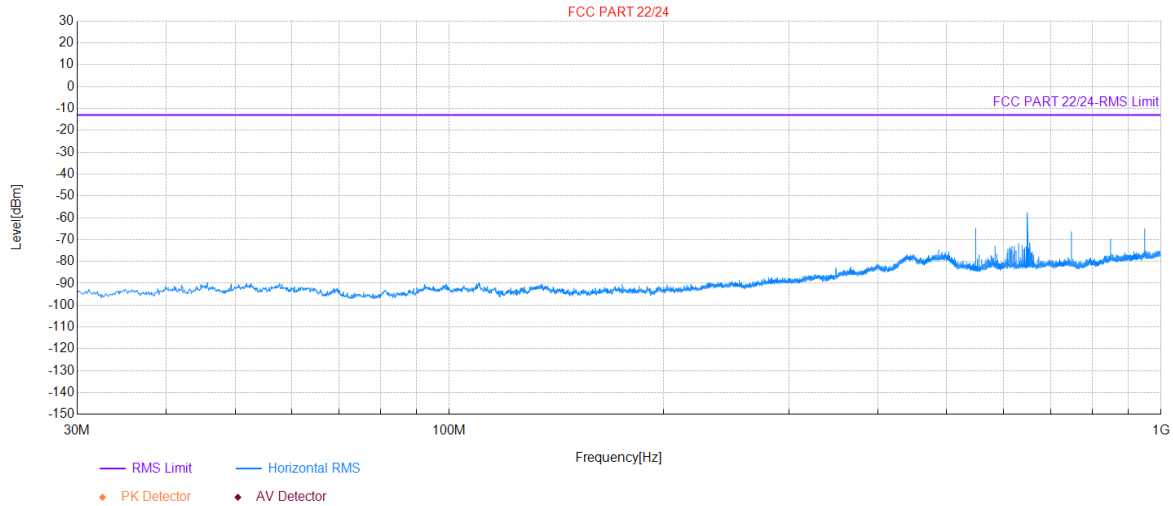
Test Graphs



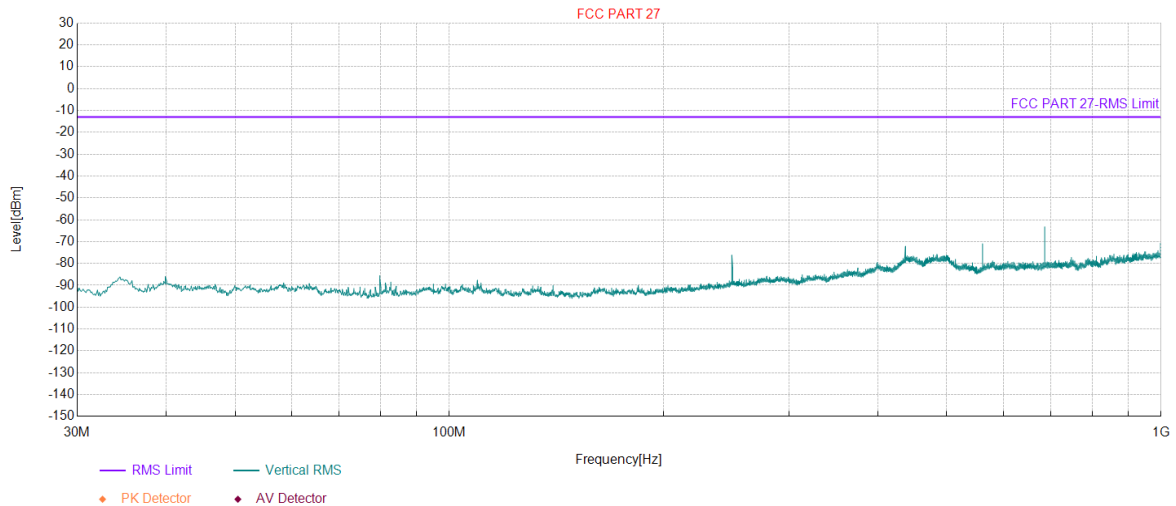
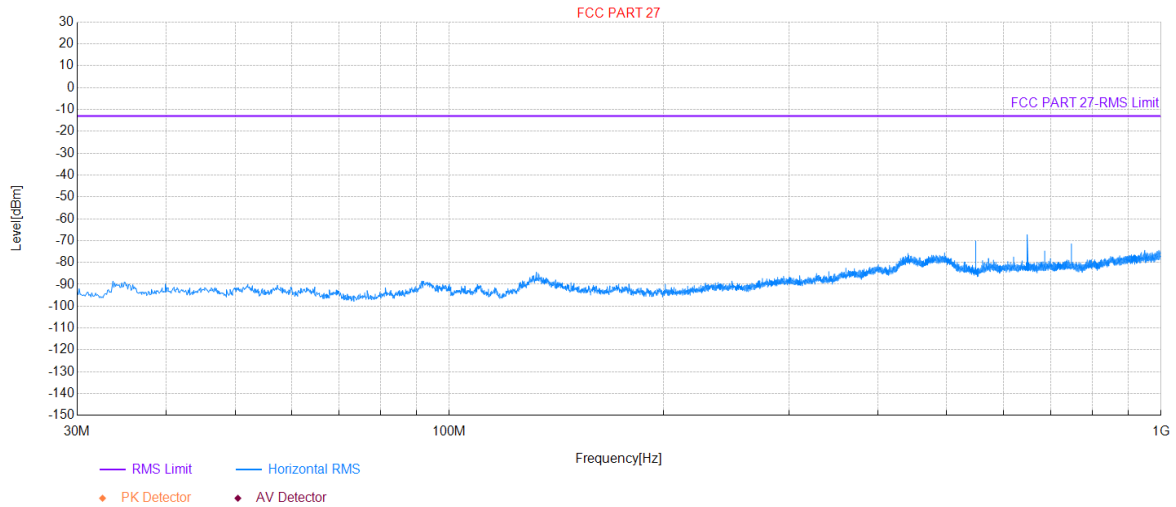
Field Strength of Spurious Radiation

Below 1GHz

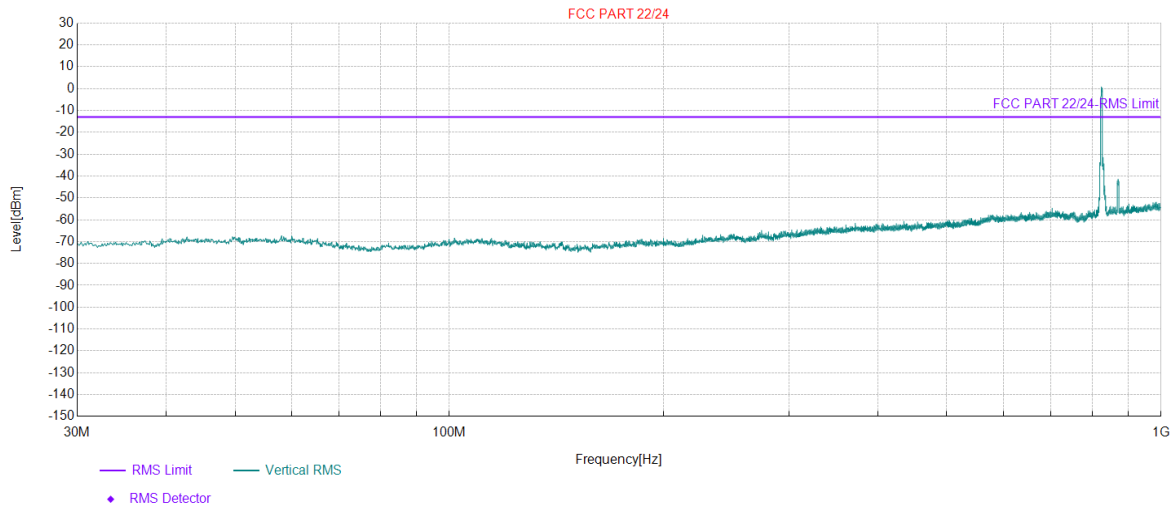
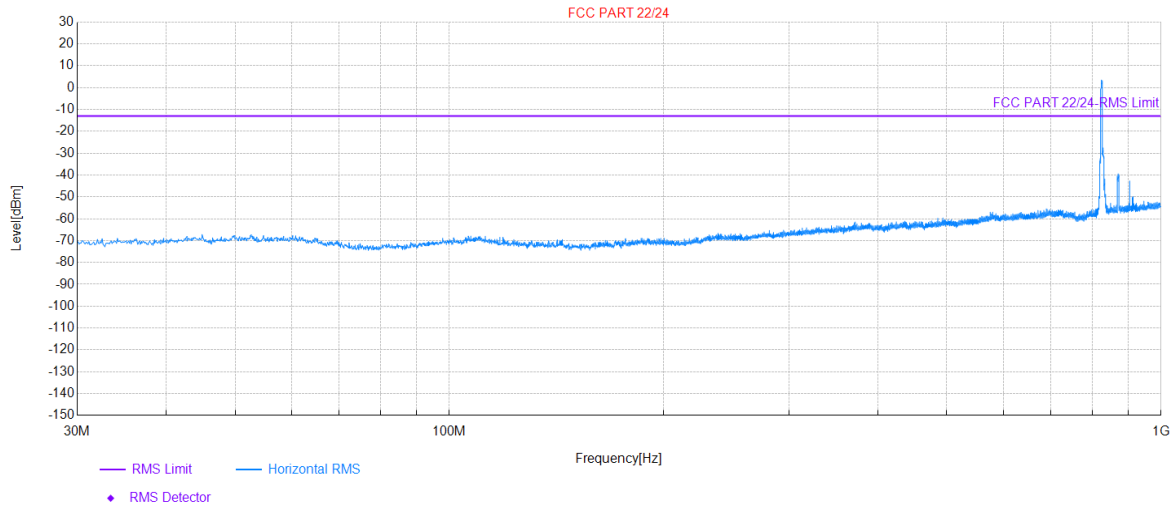
WCDMA Band2-MCH(worst-case)



WCDMA Band4-MCH(worst-case)

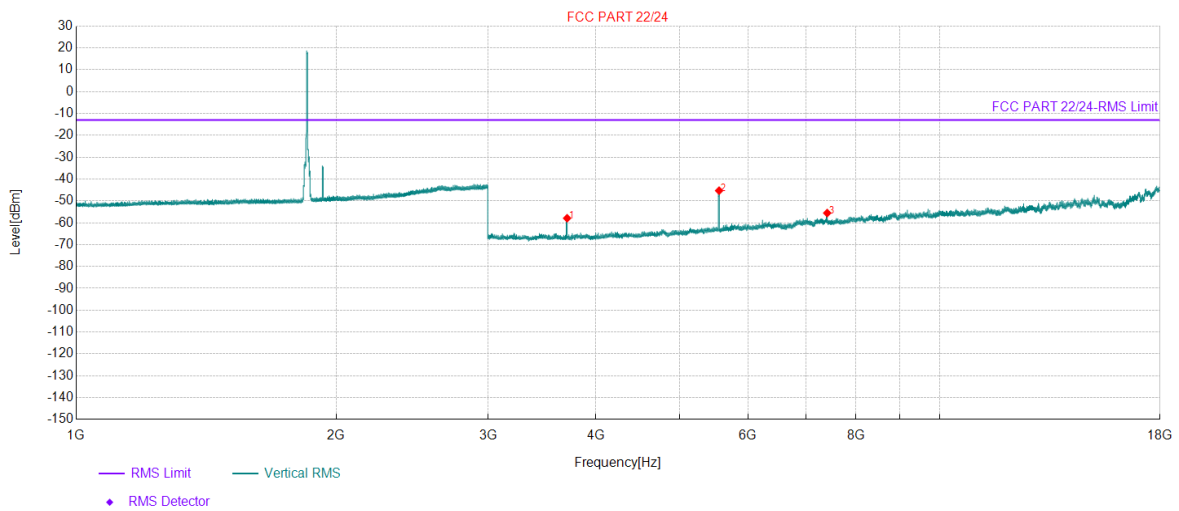
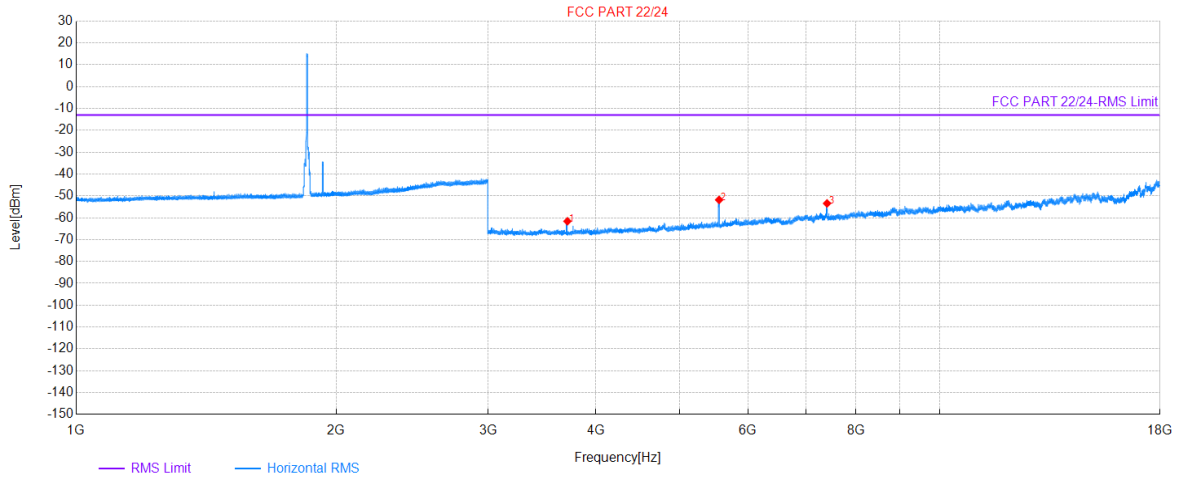


WCDMA Band5-MCH(worst-case)



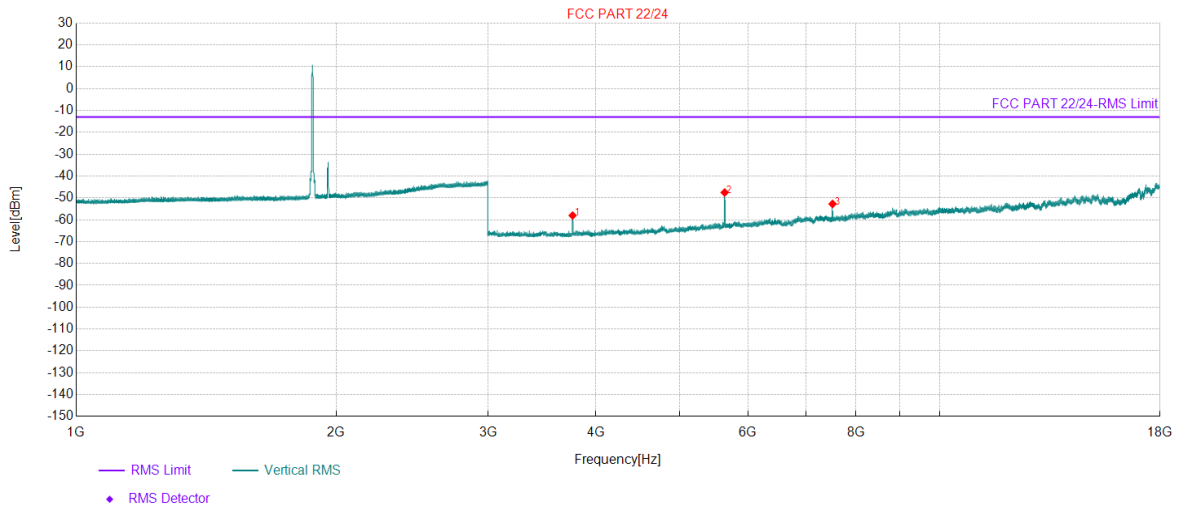
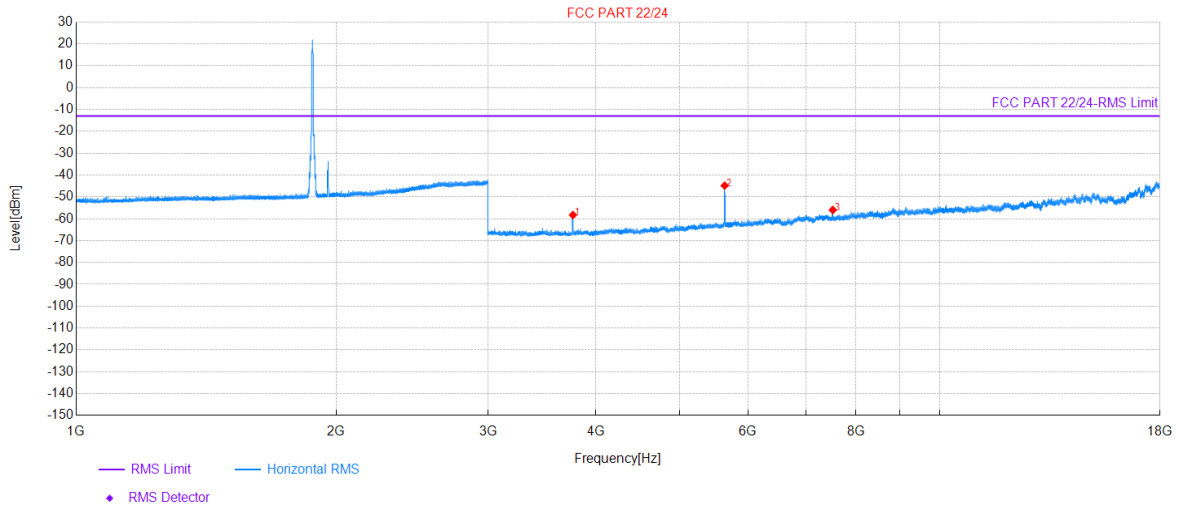
Above1GHz

WCDMA Band2-LCH



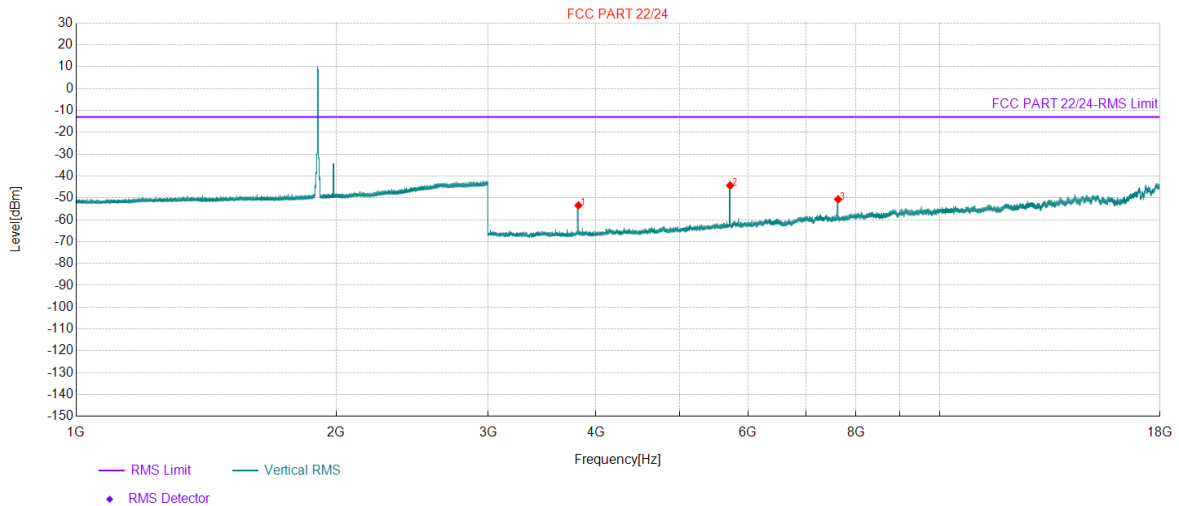
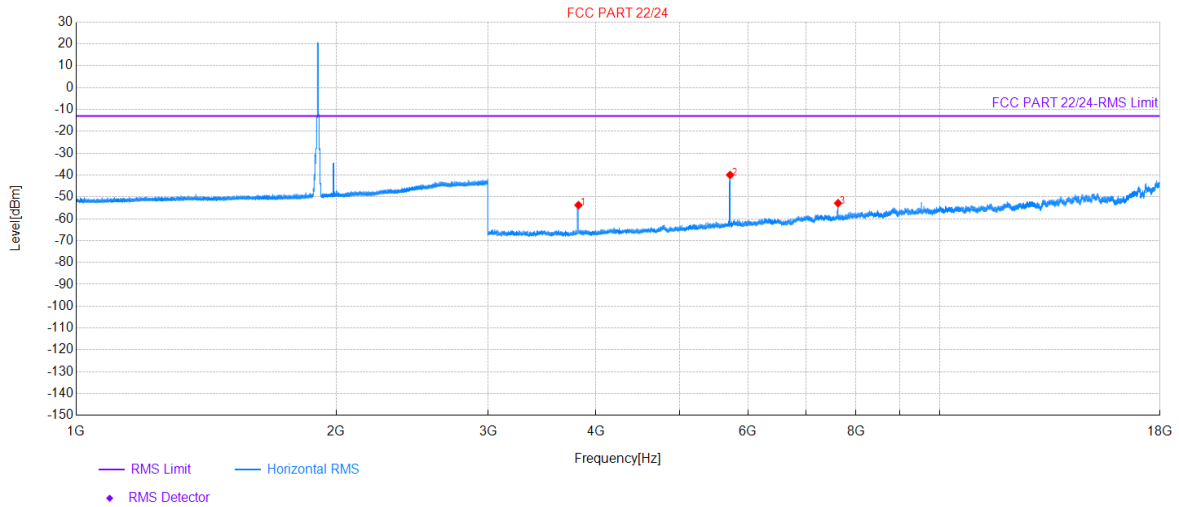
Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3706.5	45.90	-107.50	-61.60	-13.00	48.60	266	0	RMS	Horizontal	PASS
2	5554	49.49	-101.32	-51.83	-13.00	38.83	284	204	RMS	Horizontal	PASS
3	7406.5	42.94	-96.38	-53.44	-13.00	40.44	269	226	RMS	Horizontal	PASS
1	3703	49.57	-107.50	-57.93	-13.00	44.93	157	322	RMS	Vertical	PASS
2	5554	56.00	-101.32	-45.32	-13.00	32.32	298	142	RMS	Vertical	PASS
3	7409.5	40.86	-96.42	-55.56	-13.00	42.56	263	106	RMS	Vertical	PASS

WCDMA Band2-MCH



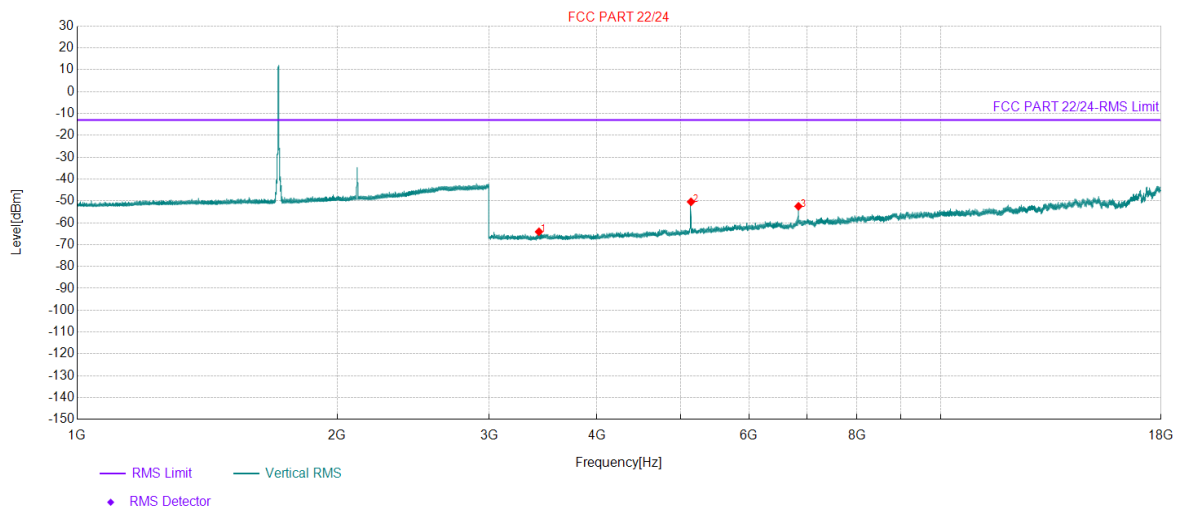
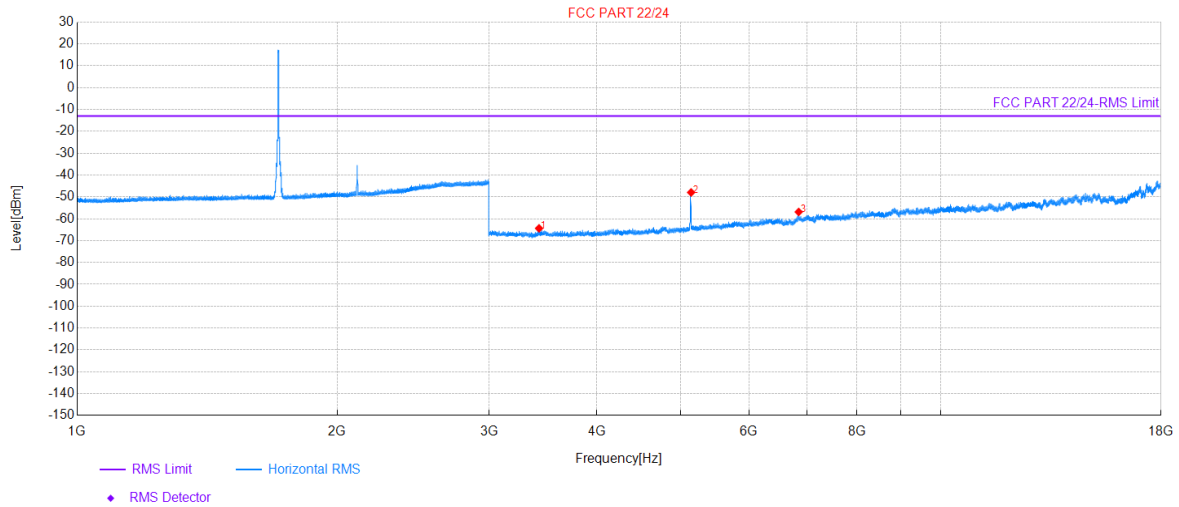
Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3761.5	48.95	-107.23	-58.28	-13.00	45.28	367	19	RMS	Horizontal	PASS
2	5637	56.03	-100.87	-44.84	-13.00	31.84	116	34	RMS	Horizontal	PASS
3	7521	40.82	-96.79	-55.97	-13.00	42.97	163	206	RMS	Horizontal	PASS
1	3758	49.24	-107.28	-58.04	-13.00	45.04	192	33	RMS	Vertical	PASS
2	5636.5	53.36	-100.88	-47.52	-13.00	34.52	276	292	RMS	Vertical	PASS
3	7515.5	44.02	-96.77	-52.75	-13.00	39.75	282	148	RMS	Vertical	PASS

WCDMA Band2-HCH



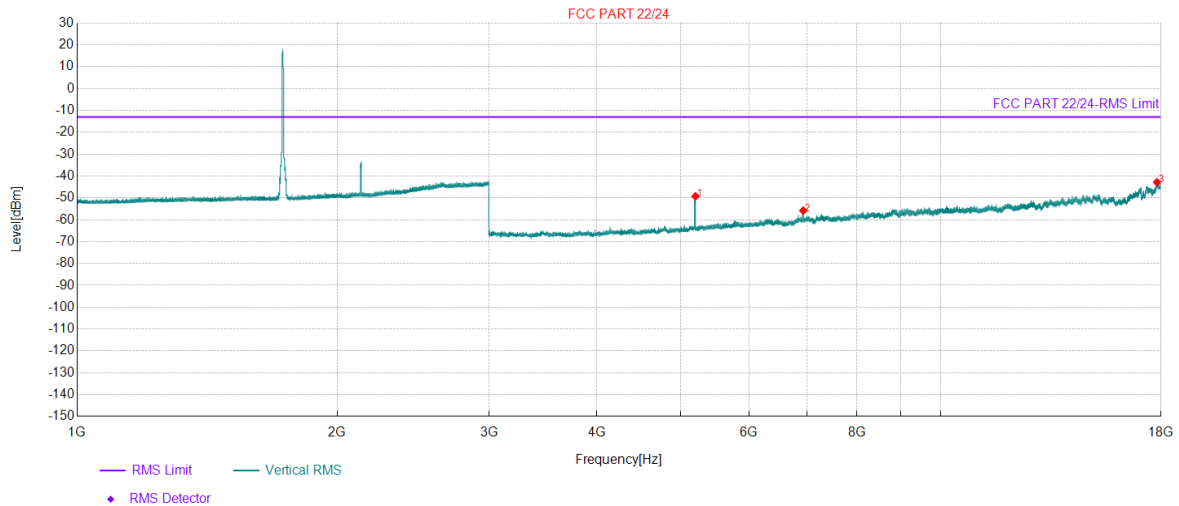
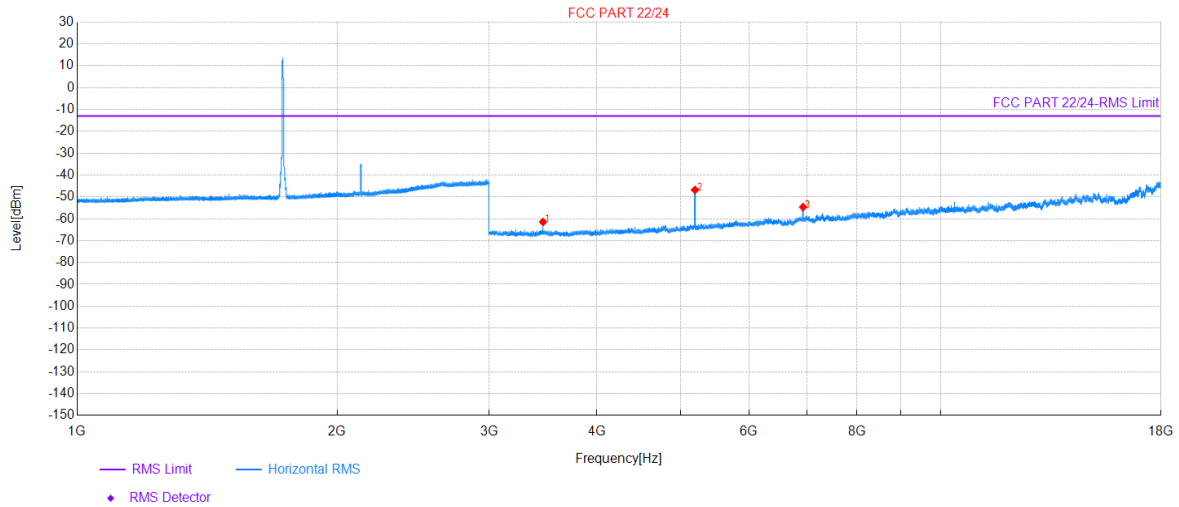
Data List											
NO.	Freq. [MHz]	Reading [dBUV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3817.5	52.80	-106.57	-53.77	-13.00	40.77	226	192	RMS	Horizontal	PASS
2	5719.5	60.83	-100.79	-39.96	-13.00	26.96	386	27	RMS	Horizontal	PASS
3	7627.5	43.43	-96.31	-52.88	-13.00	39.88	391	113	RMS	Horizontal	PASS
1	3817	53.15	-106.57	-53.42	-13.00	40.42	185	39	RMS	Vertical	PASS
2	5719.5	56.46	-100.79	-44.33	-13.00	31.33	177	299	RMS	Vertical	PASS
3	7627.5	45.67	-96.31	-50.64	-13.00	37.64	123	148	RMS	Vertical	PASS

WCDMA Band4-LCH



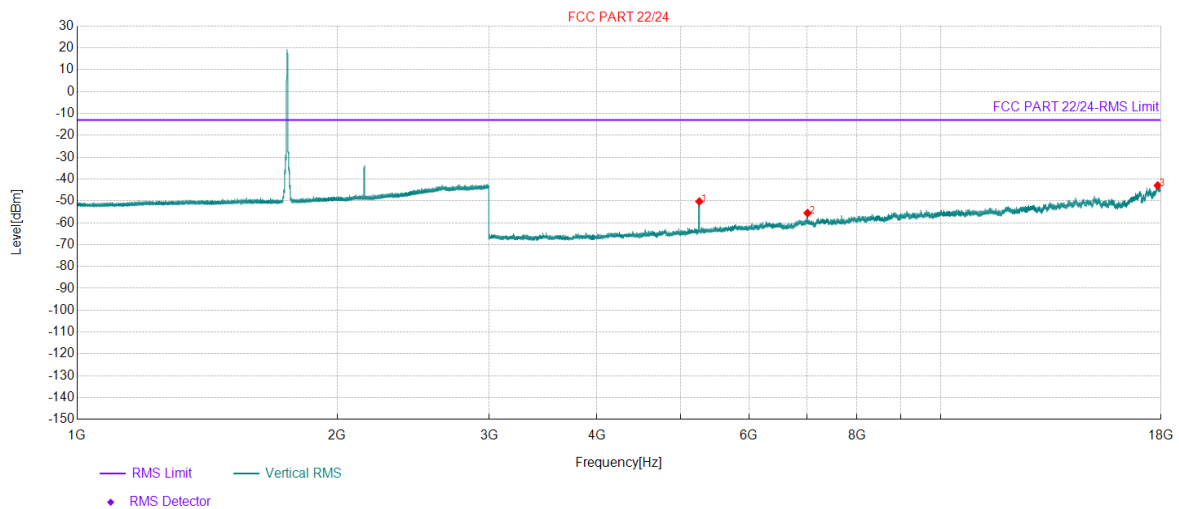
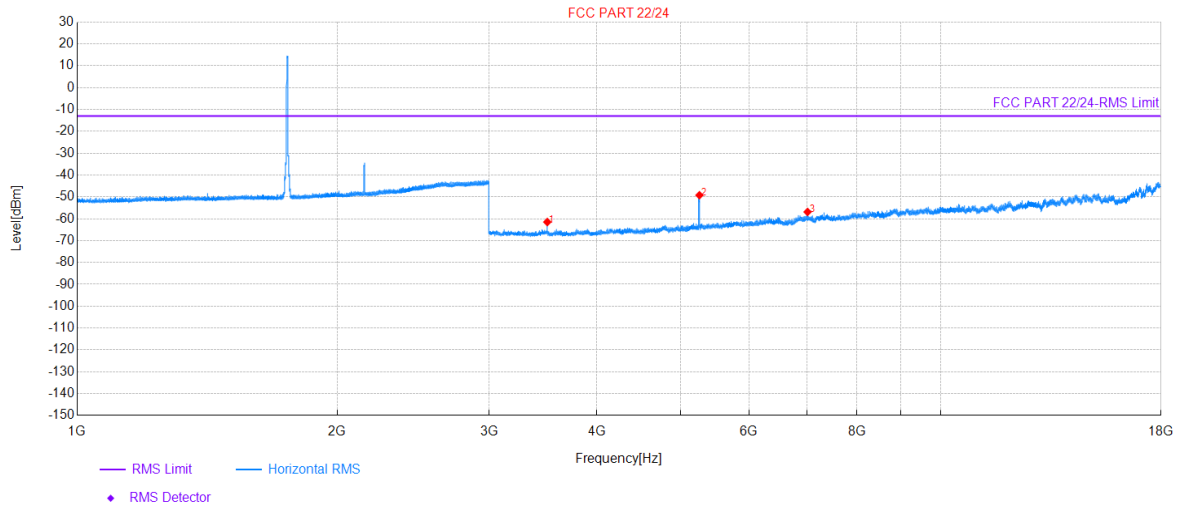
Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3427	43.10	-107.48	-64.38	-13.00	51.38	333	128	RMS	Horizontal	PASS
2	5140.5	54.15	-102.10	-47.95	-13.00	34.95	209	199	RMS	Horizontal	PASS
3	6849	40.70	-97.59	-56.89	-13.00	43.89	293	48	RMS	Horizontal	PASS
1	3426.5	43.38	-107.49	-64.11	-13.00	51.11	331	184	RMS	Vertical	PASS
2	5140	51.69	-102.11	-50.42	-13.00	37.42	124	33	RMS	Vertical	PASS
3	6845	45.18	-97.65	-52.47	-13.00	39.47	186	156	RMS	Vertical	PASS

WCDMA Band4-MCH



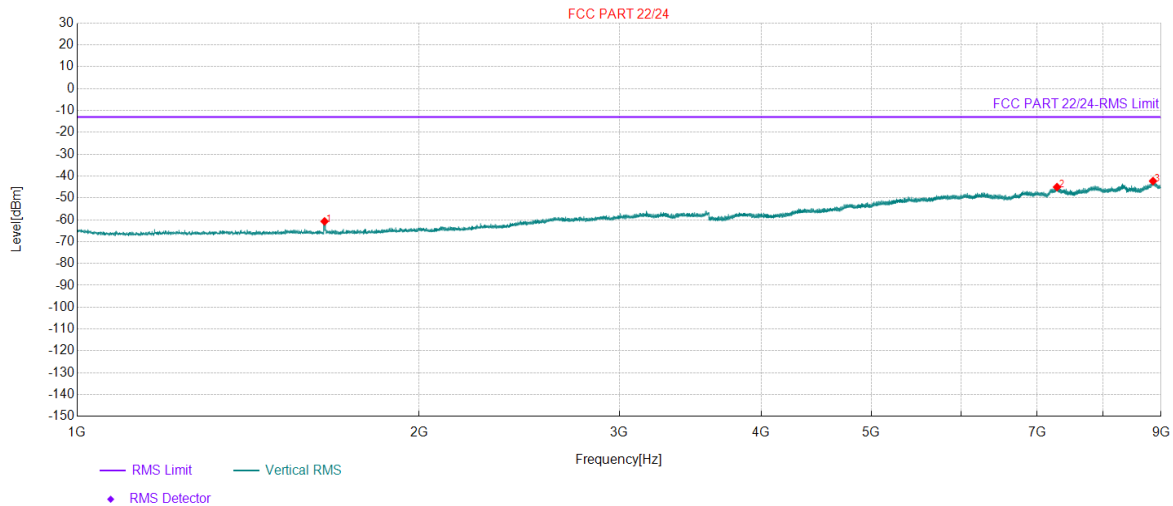
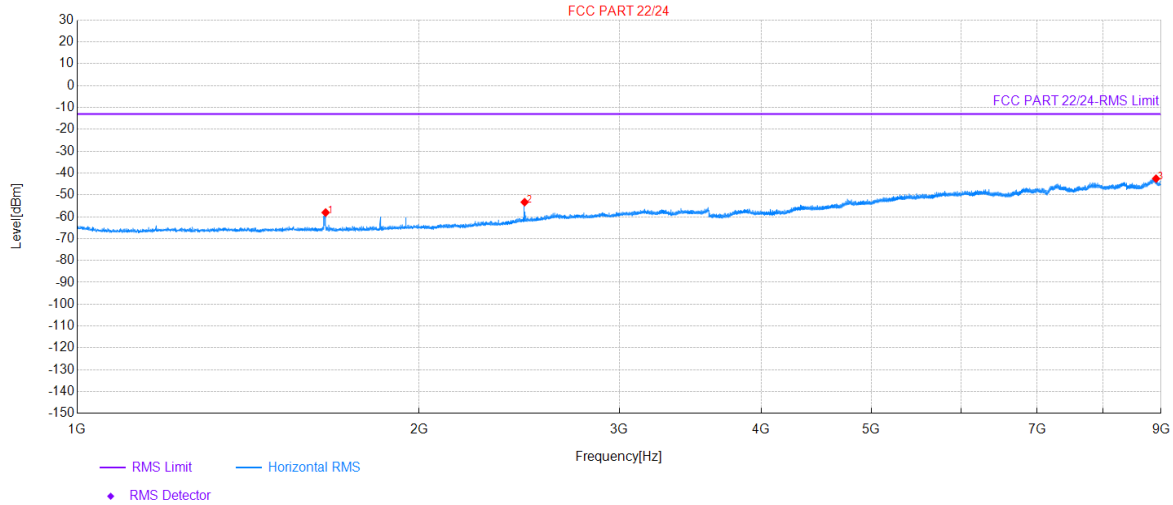
Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3463.5	45.73	-107.19	-61.46	-13.00	48.46	218	148	RMS	Horizontal	PASS
2	5194.5	55.36	-102.17	-46.81	-13.00	33.81	151	191	RMS	Horizontal	PASS
3	6930	43.04	-97.67	-54.63	-13.00	41.63	334	105	RMS	Horizontal	PASS
1	5200.5	52.94	-102.20	-49.26	-13.00	36.26	273	90	RMS	Vertical	PASS
2	6931	41.87	-97.68	-55.81	-13.00	42.81	145	126	RMS	Vertical	PASS
3	17804.5	39.68	-82.50	-42.82	-13.00	29.82	177	314	RMS	Vertical	PASS

WCDMA Band4-HCH



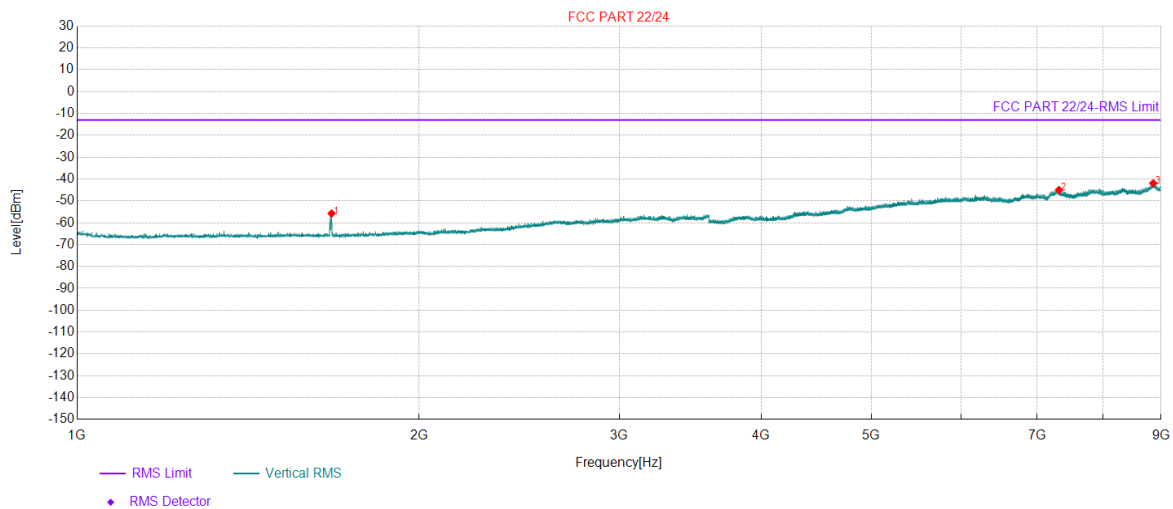
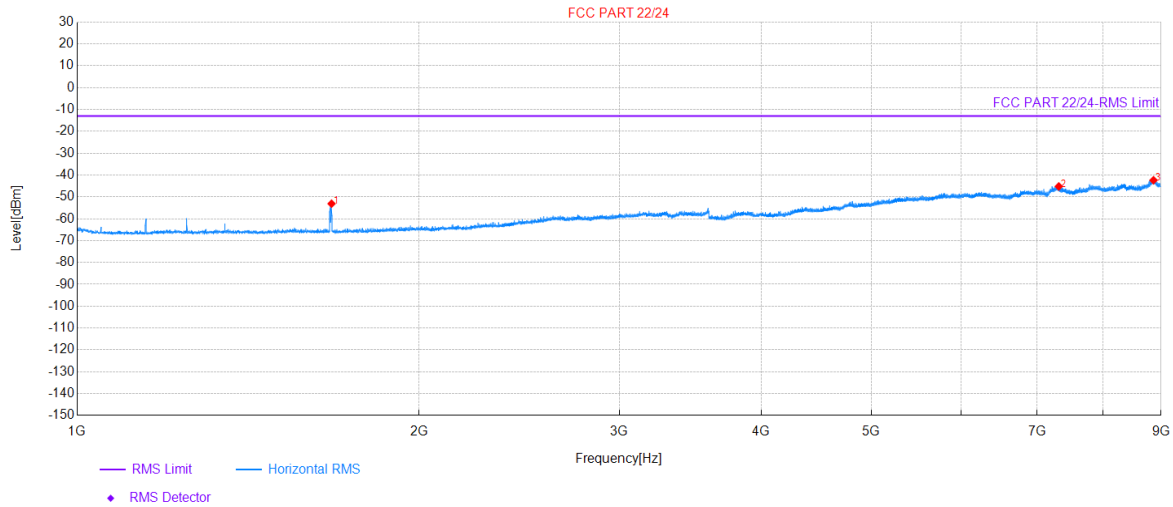
Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	3503.5	45.53	-107.01	-61.48	-13.00	48.48	337	141	RMS	Horizontal	PASS
2	5256	52.84	-102.07	-49.23	-13.00	36.23	393	90	RMS	Horizontal	PASS
3	7013	40.23	-97.11	-56.88	-13.00	43.88	166	40	RMS	Horizontal	PASS
1	5255	51.82	-102.08	-50.26	-13.00	37.26	388	85	RMS	Vertical	PASS
2	7013	41.53	-97.11	-55.58	-13.00	42.58	393	128	RMS	Vertical	PASS
3	17840	39.06	-81.99	-42.93	-13.00	29.93	105	316	RMS	Vertical	PASS

WCDMA Band5-LCH



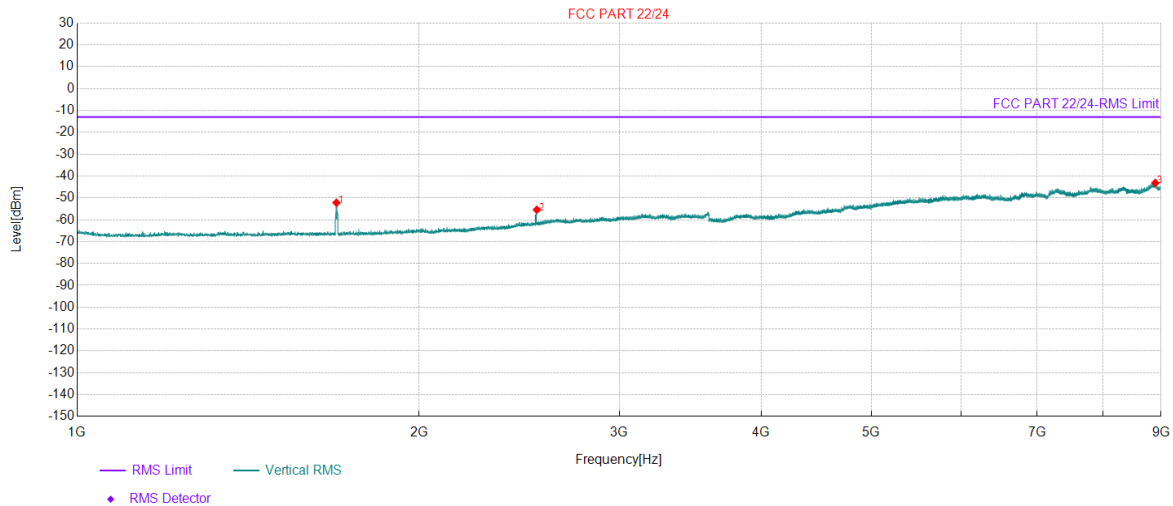
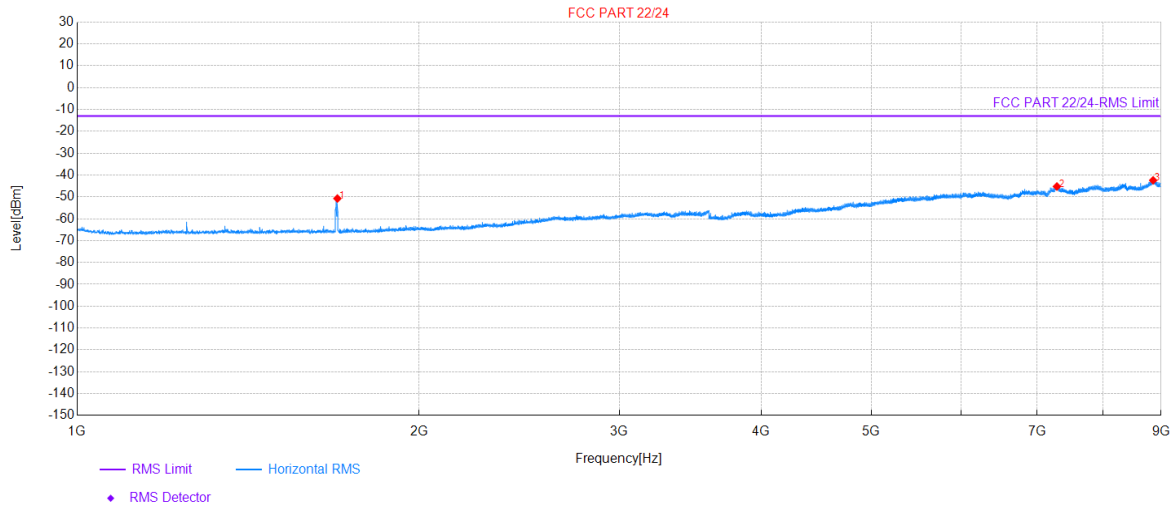
Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1654.8	56.02	-114.09	-58.07	-13.00	45.07	217	240	RMS	Horizontal	PASS
2	2477.2	57.96	-111.27	-53.31	-13.00	40.31	302	89	RMS	Horizontal	PASS
3	8909.6	50.80	-93.35	-42.55	-13.00	29.55	189	131	RMS	Horizontal	PASS
1	1651.2	53.34	-114.08	-60.74	-13.00	47.74	272	30	RMS	Vertical	PASS
2	7288.4	51.07	-96.12	-45.05	-13.00	32.05	366	332	RMS	Vertical	PASS
3	8854.4	50.60	-92.90	-42.30	-13.00	29.30	263	357	RMS	Vertical	PASS

WCDMA Band5-MCH



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1674.8	61.04	-114.14	-53.10	-13.00	40.10	101	264	RMS	Horizontal	PASS
2	7314.8	50.93	-96.15	-45.22	-13.00	32.22	186	76	RMS	Horizontal	PASS
3	8863.2	50.58	-92.96	-42.38	-13.00	29.38	121	354	RMS	Horizontal	PASS
1	1674.8	58.37	-114.14	-55.77	-13.00	42.77	198	326	RMS	Vertical	PASS
2	7317.2	51.15	-96.19	-45.04	-13.00	32.04	182	0	RMS	Vertical	PASS
3	8858.4	51.00	-92.93	-41.93	-13.00	28.93	207	296	RMS	Vertical	PASS

WCDMA Band5-HCH



Data List											
NO.	Freq. [MHz]	Reading [dBuV]	Factor [dB]	Level [dBm]	Limit [dBm]	Margin [dB]	Height [cm]	Angle [°]	Trace	Polarity	Verdict
1	1694.8	63.46	-114.20	-50.74	-13.00	37.74	135	269	RMS	Horizontal	PASS
2	7287.6	50.90	-96.14	-45.24	-13.00	32.24	333	9	RMS	Horizontal	PASS
3	8856.4	50.49	-92.91	-42.42	-13.00	29.42	280	215	RMS	Horizontal	PASS
1	1691.6	61.97	-114.18	-52.21	-13.00	39.21	202	294	RMS	Vertical	PASS
2	2539.2	55.82	-111.24	-55.42	-13.00	42.42	155	233	RMS	Vertical	PASS
3	8895.2	50.00	-93.14	-43.14	-13.00	30.14	393	190	RMS	Vertical	PASS